

00/00/1976, V0019, N0009, PP 0042-0045  
CONTROLLING THE THERMAL CONDITIONS DURING THE  
MELTING OF STEEL IN CONVERTERS  
BISI 15080

000000236138

YATSENKO, A. K.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1976, V0019, N0009, PP 0042-0045  
CONTROLLING THE THERMAL CONDITIONS DURING THE  
MELTING OF STEEL IN CONVERTERS  
BISI 15080

000000236138

KOMINOV, S. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1976, V0019, N0009, PP 0046-0050  
EFFECTIVENESS OF INCREASING THE BLOWING RATE IN  
THE OXYGEN CONVERTER PROCESS  
BISI 15081

000000236139

RYZHIKOV, A. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1976, V0019, N0009, PP 0057-0060  
REDISTRIBUTION OF SEGATING IMPURITIES IN THE  
SOLIDIFICATION OF SUSPENDED METAL  
BISI 15083

000000236140

BLINOV, V. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1976, V0019, N0009, PP 0070-0071  
SOLUBILITY OF NITROGEN AND NITRIDE FORMATION  
IN A 00ON18K9M5T STEEL MELT 6 PP  
BLID 5828.4F (25511)

000000248831

VORONTSOV, V. K.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1976, V0019, N0009, PP 0077-0080  
SOLUTION OF THE THREE DIMENSIONAL PROBLEM OF THE  
STEADY STATE PLASTIC FLOW OF METAL BY THE  
COORDINATE GRID METHOD  
BISI L.STG 15083

000000217048

VORONTSOV, V. K.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1976, V0019, N0009, PP 0077-0080  
SOLUTION OF THE THREE DIMENSIONAL PROBLEM OF  
THE STEADY STATE PLASTIC FLOW OF METAL BY THE  
COORDINATE GRID METHOD  
BISI 15083

000000236141

PRUKOVSKIY, B. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1976, V0019, N0009, PP 0081-0085  
MODELLING THE PROCESS OF EXTRUDING SOLID  
SECTION IN ENTRY CONE DIES  
BISI 15084

000000282840

VYDRON, V. N.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1976, V0019, N0009, PP 0085-0088  
FORWARD FLOW WHEN ROLLING IN MULTIPLE ROLL PASSES  
BISI 15085

000000249082

VYDRIN, V. N.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//

000000311046

00/00/1976, V0019, N0009, PP 0085-0088 FORWARD FLOW WHEN ROLLING IN MULTIPLE ROLL PASSES BISI 15085	#	000000249081
ALESHCHENKO, G. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0089-0091 ASSESSMENT OF CONTROL ALGORITHMS FOR THE SECTION STEEL-ROLLED PRODUCTS WITH THE USE OF A SIMULATING MODEL BISI 15086	#	000000252420
ALESHCHENKO, G. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0089-0091 ASSESSMENT OF CONTROL ALGORITHMS FOR THE SECTION STEEL ROLLED PRODUCTS WITH THE USE OF A SIMULATING MODEL BISI 15086	#	000000248833
KRUPIN, A. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0095-0098 KINETIC MODEL OF ADHESION FRICTION 11 PP BLID 5828.4F (25512)	#	000000249080
ZAVERYUKHA, V. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0099-0101 EFFECT OF ROLL WEAR ON THE ANNUAL PRODUCTIVITY OF A SHEET MILL BISI 15087	#	000000311045
ZAVERYUKHA, V. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0099-0101 EFFECT OF ROLL WEAR ON THE ANNUAL PRODUCTIVITY OF A SHEET MILL BISI 15087	#	000000249079
MKHOLYAN, L. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0105-0109 INVESTIGATION OF THE SHEARING OF THE DEFECTIVE LAYER FROM HOLLOW BILLETS FOR THE PRODUCTION OF LARGE DIAMETER TUBES BISI 15088	#	000000282914
MKHOLYAN, L. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0105-0109 INVESTIGATION OF THE SHEARING OF THE DEFECTIVE LAYER FROM HOLLOW BILLETS FOR THE PRODUCTION OF LARGE DIAMETER TUBES BISI 15088	#	000000248781
AKULICH, YU. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0110-0112 OPTIMIZATION OF THE TECHNOLOGICAL PROCESS OF ROLLING VARIOUS SIZE SECTIONS 6 PP BLID 5828.4F (25513)	#	000000252417
GEMSKAYA, KH. V.		

//IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0117-0120 OPTIMIZATION OF THE OPERATION OF REVERSING ROUGHING MILLS BISI 15089	#	000000252393
GEMSKAYA, KH. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0117-0120 OPTIMIZATION OF THE OPERATION OF REVERSING ROUGHING MILLS BISI 15089	#	000000268333
TATARNIKOV, V. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0121-0124 RELATIONSHIP BETWEEN THE FORCES ON THE SIDE STOPS OF CIRCULAR SAWS AND THE SAW PARAMETERS AND THE CUTTING CONDITIONS BISI 15090	#	000000282915
TATARNIKOV, V. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0121-0124 RELATIONSHIP BETWEEN THE FORCES ON THE SLIDE STOP OF CIRCULAR SAWS AND THE SAW PARAMETERS AND THE CUTTING CONDITION BISI 15090	#	000000236142
FILIPPOV, YE. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0125-0131 REASON FOR DEVELOPMENT OF THE FACE CENTERED CUBIC BODY CENTRED CUBIC LATTICES PHASE TRANSFORMATION BISI 15091	#	000000236143
NECHAYEV, YU. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0132-0137 STUDY OF CHARACTERISTICS OF VACANCIES IN AN ALLOY OF AL+1.5 AT PERCENTAGE CU BISI 15092	#	000000248830
UNKNOWN //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0138-0140 STUDY OF THE DIFFUSION OF IMPURITY ATOMS ALONG TYPE (3) INCLINATION BOUNDARIES IN BICRYSTALS WITH A DENSITY PACKED LATTICE 9 PP BLID 5828.4F (25514)	#	000000236144
TATARENKO, V. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0141-0145 CAPILLARY SHAPING DURING SOLIDIFICATION OUT OF MOLTEN METAL BISI 15093	#	000000236145
BALAN, L. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0152-0156 SPECIAL FEATURES OF THE PHASE COMPOSITION OF YTTRIUM ANTIMONY CAST IRON BISI 15094	#	

KOVALOV, G. D. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0157-0160 INVESTIGATION OF THE HYDRODYNAMICS DURING THE FLOW OF VARIOUS CROSS SECTION AXIALLY SYMMETRIC JETS ON TO AN OBSTACLE BISI 15095	000000236079
KOVALOV, G. D. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0157-0160 INVESTIGATION OF THE HYDRODYNAMICS DURING THE FLOW OF VARIOUS CROSS-SECTION AXIALLY SYMMETRIC JETS ON TO AN OBSTACLE BISI 15095	000000282835
BEZRODNYI, M. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0161-0165 RESEARCH INTO THE HEAT TRANSFER CRISIS IN CLOSED CIRCUIT TWO PHASE THERMOSIPHONS BISI 15096	000000236080
BEZRODNYI, M. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0161-0165 RESEARCH INTO THE HEAT TRANSFER CRISIS IN CLOSED CIRCUIT TWO-PHASE THERMOSIPHONS BISI 15096	000000311086
SLAVIN, S. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0166-0169 TRAVEL OF A PLANE INTERRUPTED JET BISI 15097	000000282834
YUZOV, O. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0181-0186 COMPARISON OF THE EFFECTIVENESS OF DIFFERENT SOLUTIONS FOR THE RECONSTRUCTION OF OPEN HEARTH MELTING SHOPS BISI L-STG 15098	000000223017
YUZOV, O. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0181-0186 COMPARISON OF THE EFFECTIVENESS OF DIFFERENT SOLUTIONS FOR THE RECONSTRUCTION OF OPEN HEAT BISI 15098	000000236146
SHAKIN, YE. L. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0010, PP 0015-0019 THERMODYNAMIC PROPERTIES OF SOLID SOLUTIONS OF CHROMIUM MONOIXIDE IN WUSTITE BISI 15270	000000250207
POSTOLNIK, YU. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0010, PP 0020-0024 APPROXIMATE CALCULATION OF TEMPERATURE FIELDS IN THE SOLIDIFIED LAYER OF A CASTING BISI 15271	000000250206

GOLDSHTEIN, N. L. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0010, PP 0029-0032 METALLIZATION OF VARIOUS IRON-ORE MATERIALS IN A SHAFT FURNACE BISI 15272	000000250210
POKHVISNEV, A. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0010, PP 0041-0045 AERODYNAMICS OF SINTERING IRON ORE-MIXES UNDER PRESSURE. COMMUNICATION 2. BISI 15273	000000251472
KREMYANSKIYI, D. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0010, PP 0060-0063 RESEARCH INTO THE LOSSES OF HEAT FROM A 250 T OXYGEN BLOWN CONVERTER BISI 15275	000000251473
ZYKOV, YU. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0010, PP 0078-0081 INTERRELATIONSHIP OF THE DRAWING PARAMETERS FOR RECTANGULAR STOCK BISI 15278	000000248743
SHILOV, V. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0010, PP 0092-0095 INVESTIGATION OF THE ROLL BITES CONDITIONS AND STRIP STABILITY DURING ROLLING IN SIMPLE SHAPE PASSES REPORT 2. BISI 15281	000000248735
CHISTYAKOV, V. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0010, PP 0141-0144 CALCULATING THE WIDTH OF THE FLOW ZONE IN THE CASTING OF LARGE THIN WALLED COMPONENTS BISI 15289	000000248741
KULTYGINA, L. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0011, PP 0005-0009 NITROGEN ALLOYING AND DENITRATION OF A COMPLEX COMPOSITION METAL BATH BISI 15404	000000240292
VARENKOV, A. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0011, PP 0010-0014 INVESTIGATION OF THE EFFECT OF GASEOUS MEDIA ON CARBON GRAPHITE FIBRES AT HIGH TEMPERATURES BISI 15405	000000240212
MERKER, E. E. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0011, PP 0031-0035 AN INVESTIGATION OF THE PROCESSES OF HEATING AND HEATING UP AND CARBON ELIMINATION IN THE OPEN HEARTH FURNACE BISI 15408	000000240293

DYLYUK, A. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0011, PP 0070-0075 OPTIMIZATION OF REDUCTION SCHEDULES ON SLAB MILLS BISI 15412	#	000000240213
BEZRODNYL, M. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0011, PP 0174-0177 EFFECTS OF THE ANGLE OF INCLINATION OF AN ENCLOSED TWO PHASE THERMOSPHON MAXIMUM HEAT TRANSMITTING POWER BISI 15425	#	000000240289
KISELEV, S. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0012, PP 0133-0137 EVALUATION OF THE INFORMATION PROVIDED BY CONTROLLED SIGNALS IN OPERATING CONTROL SYSTEMS BISI: 15601	#	000000275048
MYSIK, A. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0062, N0014, PP 0125-0129 CALCULATION OF THE HEATING OF COKE, PIG IRON AND SLAG IN THE LOWER PART OF THE BLAST FURNACE BISI-15600	#	000000082969
POTAPKIN, V. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0082-0085 GRAPHICAL DETERMINATION OF STRESSES IN DEFORMATION ZONE DURING ROLLING BISI 15673	#	000000088987
NAZYUTA, L. YU. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N----, PP 0058-0061 THE PART PLAYED BY METAL SHOT IN THE OXIDATION OF MANGANESE DURING A BLOW IN BASIC OXYGEN FURNACES BISI 16138	#	000000105359
EVTUSHENKO, V. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N----, PP 0135-0138 METHOD FOR THE SCANNING IDENTIFICATION OF INDUSTRIAL OBJECTIVES *BISI 16063	#	000000101803
DERKACHEV, D. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N----, PP 0169-0171 EVALUATION OF THE STATE OF A BASIC OXYGEN FURNACE HEAT ON THE BASIC OF ADAPTIVE ALGORITHMS. BISI 16787	#	000000146572
YAKOVLEV, V. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0005-0008 MASS TRANSFER OF THE OXYGEN IN MELTS DURING THE INTERACTION OF A GAS JET AND THE BATH	#	000000077553

*BISI 15666	#	
YAKOVLEV, V. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0005-0008 MASS TRANSFER OF THE OXYGEN IN MELTS DURING THE INTERACTION OF A GAS JET AND THE BATH BISI 15666	#	000000131449
MIKHAYLOV, G. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0009-0012 THERMODYNAMICS OF THE REACTIONS OF DEOSIDATION OF IRON WITH SILICON AND CARBON BISI 15667	#	000000088999
MIKHAILOV, G. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0009-0012 THERMODYNAMICS OF THE REACTIONS OF DEOXIDATION OF IRON WITH SILICON AND CARBON BISI 15667	#	000000133843
ORLOV, YU. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0013-0015 DISPLACEMENT OF LIQUID BY RISING BUBBLES. COMMUNICATION NO. 1 NTC 79-10370-20D	#	000000171172
KOSHELEV, S. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0026-0029 SPECIAL FEATURES OF SILICON REDUCTION IN BLAST FURNACE OF LARGE AND SMALL VOLUME BISI 15668	#	000000099294
YELANSKIY, G. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0042-0045 MINIMUM PERMISSIBLE CARBON CONCENTRATIONS WHEN MELTING TECHNICALLY PURE IRON BISI 15669	#	000000088998
YAVOYSKIY, A. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0053-0057 CERTAIN FEATURES OF THE REACTION BETWEEN FREE-MELTING DROPLETS OF FE-C, FE-MN AND FE-MN-C MELTS AND OXYGEN *BISI 15670	#	000000077557
YAVOYSKIY, A. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0053-0057 CERTAIN FEATURES OF THE REACTION BETWEEN FREE- FALLING DROPLETS OF FE-C, FE-MN AND FE-MN-C MELTS AND OXYGEN BISI 15670	#	000000088912
YAVOISKI, A. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0053-0057 CERTAIN FEATURES OF THE REACTION BETWEEN FREE MELTS AND OXYGEN	#	000000133844

MELTING DROPLETS OF FE-C, FE-MN AND FE-MN-C MELTS AND OXYGEN BISI 15670	#	000000077558
VELIN, N. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0067-0071 VOLTAGE CONTROL OF THE ELECTROSLAG REMELTING PROCESS *BISI 15671	#	000000088995
VELIN, N. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0067-0071 VOLTAGE CONTROL OF THE ELECTROSLAG REMELTING PROCESS BISI 15671	#	000000077560
POTAPKIN, V. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0072-0074 CONTACT REACTION BETWEEN METAL AND ROLLS DURING THE ASYMMETRIC ROLLING OF LIGHT GAUG STRIP. REPORT 2. *BISI 15672	#	000000083816
PELUKHIN, V. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0072-0074 CONTACT REACTION BETWEEN METAL AND ROLLS DURING THE ASYMMETRIC OF LIGHT-GAUGE STRIP BISI 15672	#	000000171126
VYDRIN, V. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0075-0076 DEFORMATION SPEED CONDITIONS DURING ROLLING IN MULTIPLE-ROLL PASSES NTC 79-10368-11F	#	000000077559
POLYKHIN, V. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0082-0085 GRAPHICAL DETERMINATION OF STRESSES IN DEFORMATION ZONE DURING ROLLING *BISI 15673	#	000000088978
DENISOV, P. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0090-0092 METHOD OF INTERPRETING A SHADOW MOIRE PATTERN WITH A POINT LIGHT SOURCE BISI 15674	#	000000205979
ZHADAN, V. T. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0093-0095 ANALYTICAL DETERMINATIONS OF THE DIMENSIONAL DEVIATIONS OF SECTION PROFILE DURING VARIOUS DISTURBANCES REPORT 1 BISI 15675	#	000000077561
DENISOV, P. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA//		

00/00/1977, V----, N0001, PP 0096-0098  
METHOD OF INTERPRETING A SHADOW MOIRE PATTERN  
WITH A POINT LIGHT SOURCE  
\*BISI 15674

000000088993

YAKOVLEEV, S. P.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0001, PP 0096-0098  
EXTRUSION OF AN ANISOTROPIC TUBE  
BISI 15676

#

AKULICH, YU. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0001, PP 0099-0101  
OPTIMIZATION OF THE TECHNOLOGICAL PROCESS OF  
ROLLING SECTIONS  
BISI 15677

000000088991

ARKHAROV, V. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0001, PP 0102-0105  
RATIONAL THERMAL CONDITIONS OF PROCESSING LIGHT  
GAUGE TYPE 08KP STEEL  
BISI 15678

#

000000095057

ASHIKHMIN, G. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0001, PP 0111-0113  
INTER-ROLL PRESSURE ON A TWELVE-ROLL MILL  
\*BISI 15679

#

000000077567

ASHIKHMIN, G. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0001, PP 0111-0113  
INTER-ROLL PRESSURE ON A TWELVE-ROLL MILL  
BISI 15679

#

000000098475

SKOROKHODOV, N. YE.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0001, PP 0114-0116  
INVESTIGATION AND TESTING OF COMPOSITE MILL ROLLS  
BISI 15680

#

000000087810

BRINZA, V. N.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0001, PP 0120-0123  
STATE OF THE SYSTEM OPERATOR-ROLLING MILL  
NTC 79-10369-13H

#

000000171154

ZHELEZNOV, YU. D.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0001, PP 0124-0126  
STABILITY OF THIN STRIP DURING CONTINUOUS  
ROLLING  
BISI 15681

#

000000087742

FILIPPov, E. S.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0001, PP 0127-0133  
CONDITIONS UNDER WHICH GROUPINGS FROM AND ARE  
STABILIZED IN MOLTEN METAL  
NTC 79-10367-11F

#

000000171125

KOSTIKOV, V. I.

000000171115

//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0001, PP 0134-0136  
STUDY OF THE GROWTH OF PHASES DURING MUTUAL  
DIFFUSION IN THE HF-W SYSTEM  
NTC 79-10371-11F #

DOMYSHEV, V. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0001, PP 0137-0141  
CRYSTAL STRUCTURE AND MAGNETIC PROPERTIES OF FILMS  
OF COMPOUNDS OF SM, GD AND TB WITH 3D-METALS OF  
LAVES PHASE TYPE  
NTC 79-10373-20L #

000000171168

SHUMILOV, M. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0001, PP 0146-0149  
INFLUENCE OF ARSENIC ON CARBURIZING  
AND CARBON DIFFUSIONS IN LOW ALLOY STEEL  
\*BISI 15682 #

000000076627

SHUMILOV, M. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0001, PP 0146-0149  
INFLUENCE OF ARSENIC ON CARBURIZING AND CARBON  
DIFFUSION IN LOW ALLOY STEEL  
BISI 15682 #

000000118504

SHUMILOV, M. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0001, PP 0146-0149  
INFLUENCE OF ARSENIC ON CARBURIZING AND CARBON  
DIFFUSION IN LOW ALLOY STEEL  
BISI 15682 #

000000125718

SHUMILOV, M. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0001, PP 0146-0149  
INFLUENCE OF ARSENIC ON CARBURIZING AND CARBON  
DIFFUSIONS IN LOW ALLOY STEEL  
BISI 15682 #

000000133846

STARODUBOV, K. F.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0001, PP 0150-0153  
APPLICABILITY OF THE LAW OF ADDITIVITY FOR  
DETERMINING THE PROPERTIES OF CERTAIN STRUCTURAL  
STEELS  
BISI 15683 #

000000088994

STARODUBOV, K. F.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0001, PP 0150-0153  
APPLICABILITY OF THE LAW OF ADDITIVITY FOR  
DETERMINING THE PROPERTIES OF CERTAIN STRUCTURAL  
STEELS  
BISI 15683 #

000000133847

ZEMSKOV, G. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0001, PP 0153-0156  
WEAR RESISTANT MULTICOMPONENT DIFFUSION  
COATINGS ON CHROME STEELS  
\*NTIS TT 79-58083 #

000000163575

ZEMSKOV, G. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0153-0156 DIFFUSION OF WEAR-RESISTANT MULTICOMPONENT COATINGS ON CHROME STEELS NTC 80-13194-11F	000000248308
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DAVIDSON, V. E. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0162-0165 DEPTH OF PENETRATION OF GAS JET INTO LIQUID DURING TOP BLOWING, WITH ALLOWANCE FOR WAVE AND VISCOSITY LOSSES BISI 15684	000000088996
DAVIDSON, V. YE. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0162-0165 THE FLUID PENETRATION DEPTH OF A GAS JET DURING TOP BLAST CLEANING WITH CONSIDERATION OF WAVE AND VISCOSITY LOSSES *FSTC SERIAL NO. 1451-79	000000209744
DAVIDSON, V. YE. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0162-0165 THE FLUID PENETRATION DEPTH OF A GAS JET DURING TOP BLAST CLEANING WITH CONSIDERATION OF WAVE AND VISCOSITY LOSSES *FSTC SERIAL NO. 1451-79	000000215086
DAVIDSON, V. YE. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0162-0165 FLUID PENETRATION DEPTH OF A GAS JET DURING TOP BLAST WITH CONSIDERATION OF WAVE AND VISCOSITY LOSSES 8 PP DUO COPYRIGHT INFO REFER OTHERS TO FSTC ARM/FSTC/HT-1451-79	000000299460
ORLOV, V. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0166-0168 ERRORS IN DETERMINING THE ABSORPTIVITY OF A FLAME BY THE SCHMIDT METHOD BISI 15685	000000088982
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00/00/1977, V----, N0001, PP 0169-0172 RATE OF HEAT TRANSFER IN AN IRREGULARLY BLOWN MOVING LAYER *BISI 15686	#	000000088981
SHCHERBATSKIY, V. B. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0169-0172 RATE OF HEAT TRANSFER IN AN IRREGULARLY BLOWN MOVING LAYER BISI 15686	#	0000000133848
PTITSYN, A. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0173-0175 RADIATION PROPERTIES OF TRANSFORMER STEEL BISI 15687	#	000000205980
PTITSYN, A. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0173-0175 RADIATION PROPERTIES OF TRANSFORMER STEEL BISI 15687	#	000000205981
SURINOV, YU. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0176-0179 NUMERICAL INVESTIGATION OF LOCAL AND AVERAGED CHARACTERISTICS OF RADIANT HEAT EXCHANGE IN A CONICAL CHAMBER BISI 15688	#	000000077332
LIVENTSEV, V. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0180-0184 THE PARAMETERS OF OXYGEN-GRAFITE COMPARISON ELECTRODES IN OXYGEN CONCENTRATION CELLS *BISI 15689	#	000000205982
LIBENTZEV, V. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0180-0184 THE PARAMETERS OF OXYGEN-GRAFITE COMPARISON ELECTRODES IN OXYGEN CONCENTRATION CELLS BISI 15689	#	000000205958
POVOLOTSKIY, D. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, VOLATILITY OF MELTS OF THE CAO - AL2O3 - CAF2 SYSTEM BISI 15833	#	000000182487
KHRUSHCHEV, M. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP -013-0016 THE MECHANISM OF THE REACTION BETWEEN METAL OXIDES AND CARBON BLDO: REF. 5828.4F (25571)	#	000000091888
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BURYLEV, B. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0005-0007 CALCULATION OF HEATS OF FORMATION OF IRON COMPOUNDS BISI 15829	#	000000116511
PETRUSHEVSKIY, M. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0008-0012 ASSESSMENT OF THE MOLAR VOLUMES AND SURFACE CHARACTERISTICS OF MOLTEN TIN-IRON ALLOYS BISI 15830	#	000000091876
PETRUSHEVSKIY, M. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0008-0012 ASSESSMENT OF THE MOLAR VOLUMES AND SURFACE CHARACTERISTICS OF MOLTEN TIN-IRON ALLOYS BISI 15830	#	000000101498
KOPYRIN, I. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0017-0020 FORMATION OF STRUCTURAL ZONES OF PELLETS FROM MAGNETITE CONCENTRATE BISI 15831	#	000000091877
POVOLOTSKIY, D. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0026-0029 ACCURACY WITH WHICH THE ACTIVITY OF THE COMPONENTS OF MOLTEN ALLOYS ARE DETERMINED BISI 15832	#	000000091878
POVOLOTSKIY, D. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0040-0042 VOLATILITY OF MELTS OF THE CAO - AT203 - CAF2 SYSTEM BISI 15833	#	000000091879
KLIMENTKO, V. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0043-0046 SPREAD DURING VIBRATION ROLLING BISI 15834	#	000000091880
TIMOFEYEV, V. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0047-0050 SOME OF THE PROBLEMS IN THE SURFACE FORMATION QUALITY OF H-BEAMS BISI 15835	#	000000091881
TIMOFEYEV, V. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0047-0050 SOME OF THE PROBLEMS IN THE SURFACE FORMATION QUALITY OF H-BEAMS BISI 15835	#	000000101857

TIMOFEEV, V. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0047-0050 SOME OF THE PROBLEMS IN THE SURFACE FORMATION QUALITY OF U-BEAMS 1 BISI 15835	#	000000178502
MAZUR, V. L. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0054-0059 RATIONAL METHOD OF CALCULATING ON A COMPUTER THE PARAMETERS OF LIGHT-GAUGE SHEET ROLLING BISI 15836	#	000000091882
MAZUR, V. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0054-0059 RATIONAL METHOD FOR CALCULATING ON A COMPUTER THE PARAMETERS OF LIGHT GAUGE SHEET ROLLING BISI 15836	#	000000101858
MAZUR, V. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0054-0059 RATIONAL METHOD FOR CALCULATING ON A COMPUTER THE PARAMETERS OF LIGHT GAUGE SHEET ROLLING BISI 15836	#	000000178503
OL'YAK, V. D. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0063-0065 NUMERICAL SOLUTION OF THE PROBLEM OF THE TEMPERA- TURE EFFECT OF DEFORMATION BISI 15837	#	000000091869
OL'YAK, V. D. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0063-0065 NUMERICAL SOLUTION OF THE PROBLEM OF THE TEMPER- ATURE EFFECT OF DEFORMATION BISI 15837	#	000000101499
OLYAK, V. O. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0063-0065 NUMERICAL SOLUTION OF THE PROBLEM OF THE TEMPERATURE EFFECT OF DEFORMATION BISI 15837	#	000000178547
GRISHKOV, A. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0070-0073 EQUATIONS OF EQUILIBRIUM AND PLASTICITY IN PROBLEMS OF METAL TREATMENT BY PRESSURE BISI 15838	#	000000091870
GRISHKOV, A. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0070-0073 EQUATIONS OF EQUILIBRIUM AND PLASTICITY IN PROBLEMS OF METAL TREATMENT BY PRESSURE BISI 15838	#	000000101500
GRISHKOV, A. I.		000000178548

//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0002, PP 0070-0073  
EQUATIONS OF EQUILIBRIUM AND PLASTICITY IN  
PROBLEMS OF METAL TREATMENT BY PRESSURE  
BISI 15838 #

000000091871

TOMILOV, F. KH.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0002, PP 0078-0080  
RELATIONSHIP BETWEEN THE PLASTICITY OF A METAL  
AND THE TYPE OF STRESSED STATE AT VARIOUS  
BISI 15839 #

000000101501

TOMILOV, F. KH.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0002, PP 0078-0080  
RELATIONSHIP BETWEEN THE PLASTICITY OF A METAL  
AND THE TYPE OF STRESSED STATE OF VARIOUS  
TEMPERATURES  
BISI 15839 #

000000178549

TOMILOV, F. KH.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0002, PP 0078-0080  
RELATIONSHIP BETWEEN THE PLASTICITY OF A METAL AND  
THE TYPE OF STRESSED STATE OF VARIOUS TEMPERATURES  
BISI 15839 #

000000091872

POLUKHIN, V. P.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0002, PP 0081-0085  
CALCULATION OF THE PARAMETERS OF THE ASYMMETRIC  
LIGHT-GAUGE STRIP ROLLING PROCESS  
BISI 15840 #

000000099309

POLUKHIN, V. P.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0002, PP 0081-0085  
CALCULATION OF THE PARAMETERS OF THE ASYMMETRIC  
LIGHT-GAUGE STRIP ROLLING PROCESS RPT 1  
BISI 15840 #

000000178508

POLUKHIN, V. P.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0002, PP 0081-0085  
CALCULATION OF THE PARAMETERS OF THE ASYMMETRIC  
LIGHT-GAUGE STRIP ROLLING PRCESS  
BISI 15840 #

000000178337

SHAPOVALOV, V. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0002, PP 0094-0097  
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AND CONSISTENCY OF THEIR GROWTH 12 PP  
BLDO: REF. 5828, 4F (25572) #

000000118503

BUNIN, K. P.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0002, PP 0106-0109  
RESEARCH INTO  
BISI 15841 #

000000139575

BUNIN, K. P.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//

00/00/1977, V----, N0002, PP 0106-0109  
RESEARCH INTO - RECRYSTALLIZATION DURING DIFFUSIONAL CHANGE IN CARBON CONTENTS OF IRON ALLOYS  
BISI 15841

000000091874

ZEMSKIY, S. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0002, PP 0110-0113  
SELF-DIFFUSION OF IRON IN IRON-MANGANESE ALLOYS  
BISI 15842

000000091874

ZEMSKII, S. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0002, PP 0110-0113  
SELF-DIFFUSION OF IRON IN IRON-MANGANESE ALLOYS  
BISI 15862

000000101920

SHTREMEL, M. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0002, PP 0114-0118  
TEMPERATURE AT WHICH FISHEYES FORM IN 35KH3MFA  
STEEL AND KINETICS OF THEIR GROWTH  
BISI 15843

000000091875

SHTREMEL, M. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0002, PP 0114-0118  
TEMPERATURE AT WHICH FISHEYES FORM IN 35KH3MFA  
STEEL AND KINETICS OF THEIR GROWTH  
BISI 15843

000000101506

SHTREMEL, M. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0002, PP 0114-0118  
TEMPERATURE AT WHICH FISHEYES FORM IN 35KH3MFA  
STEEL AND KINETICS OF THEIR GROWTH  
BISI 15843

000000101764

AVALIANI, M. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0002, PP 0123-0126  
VISCOSITY OF ALLOYS OF IRON WITH CARBON  
BISI 15844

000000091863

AVALIANI, M. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0002, PP 0123-0126  
THE VISCOSITY OF IRON-CARBON ALLOYS.  
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000000221771

LYUBCHENKO, A. P.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0002, PP 0127-0130  
MICRO-DISTRIBUTION OF MG AND SI IN REMELTS  
OF HIGH-MAGNESIUM CAST IRON  
BISI 15845

000000091864

LYUBCHENKO, A. P.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0002, PP 0127-0130  
MICRO-DISTRIBUTION OF MG AND SI IN REMELTS OF  
HIGH-MAGNESIUM CAST IRON  
BISI 15845

000000103592

GOL'DFARB, E. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0131-0134 ALGORITHM FOR CALCULATING THE THERMAL WORK OF THE LOWER HEAT-EXCHANGE ZONE OF A BLAST FURNACE BISI 15846	000000091865
KOPYRIN, I. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0131-0134 ALGORITHM FOR CALCULATING THE THERMAL WORK OF THE LOWER HEAT-EXCHANGE ZONE OF A BLAST FURNACE BISI 15846	000000101751
EL'KE, I. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0140-0143 CALCULATING THE HEATING OF METAL IN CONVEYER FURNACES DURING STATIC DISTURBANCE. REPORT 1 BISI 15847	000000091866
ZOLOTAREV, A. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0144-0147 CALCULATING THE TEMPERATURE AND STRESSES IN A CYLINDER WITH A VARYING HEAT FLOW BISI 15848	000000091867
ZOLOTAREV, A. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0144-0147 CALCULATING THE TEMPERATURE AND STRESSES IN A CYLINDER WITH A VARYING HEAT FLOW BISI 15858	000000101853
IL'CHENKO, K. D. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0148-0152 EXPERIMENT PLANNING USED FOR INVESTIGATING THE THERMAL AND PHYSICAL PROPERTIES OF A DISPERSED MATERIAL BISI 15849	000000091868
IL'CHENKO, K. D. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0148-0152 EXPERIMENT PLANNING USED FOR INVESTIGATION THE THERMAL AND PHYSICAL PROPERTIES OF A DISPERSED MATERIAL BISI 15849	000000101924
SEROKHVOSTOV, A. L. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0153-0157 DETERMINING THE ANGULAR COEFFICIENTS OF RADIATION FOR A SYSTEM OF COAXIAL BODIES BISI 15850	000000091857
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BISI 15850	#	
GIATULLIN, KH. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0164-0167 PROBLEMS OF FORMING AN OPTIMUM PRODUCTION PROGRAMME OF THE ROLLING OUTPUT OF AN UNDERTAKING BLID 5828.4F (25573)		000000309926
GRANKOVSKII, V. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0168-0170 DYNAMIC MODEL OF THE STEELMAKING BATH DECARBURIZATION PROCESS BISI 15851	#	000000099323
ZELTSER, S. R. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0174-0176 ACCURATE DEFINITION OF MODELLING IN TERMS OF ADDITIONS TO THE PARAMETERS OF INDUSTRIAL EQUIPMENT BLID: 5828.4F (25574)	#	000000278805
PETROV, YU. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0177-0180 EFFECT OF STRENGTHENING STRIP METAL ON THE FORCE OF DRAWING IT THROUGH AN UNDRIVEN ROLLER- STRAIGHTENING MACHINE BISI 15852	#	000000091859
PETROV, YU. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0177-0180 EFFECT OF STRENGTHENING STRIP METAL ON THE FORCE OF DRAWING IT THROUGH AN UNDRIVEN ROLLER AT STRAIGHTENING MACHINE BISI 15852	#	000000099310
PETROV, YU. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0177-0180 EFFECT OF STRENGTHENING STRIP METAL ON THE FORCE OF DRAWING IT THROUGH AN UNDRIVEN ROLLER STRAIGHTENING MACHINE BISI 15852	#	000000178529
FEDOROV, M. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0181-0184 METHOD OF CALCULATING SCHEDULES FOR STRENGTHEN- ING I-BEAMS ON ROLLER-STRAIGHTENING MACHINES BISI 15853	#	000000091860
FEDOROV, M. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0181-0184 METHOD OF CALCULATING SCHEDULES FOR STRENGTHENING I BEAMS ON ROLLER STRAIGHTENING MACHINES BISI 15853	#	000000099302
FEDOROV, M. N.		000000178507

//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0002, PP 0181-0184  
METHOD OF CALCULATING SCHEDULES FOR STRENGTHENING  
1-BEAMS ON ROLLER STRAIGHTENING MACHINES  
BISI 15953 #

000000094474

ZHADAN, V. T.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0003,  
ANALYTICAL DETERMINATION OF DEVIATIONS IN THE  
DIMENSIONS OF SECTION PROFILES WITH DIFFERENT  
DISTURBANCES. COMMUNICATION 2  
\*BISI 15979 #

000000094474

BALAKIR, YE. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0003, PP 0005-0006  
AN INVESTIGATION OF MUTUAL DIFFUSION IN THE  
TITANIUM VANADIUM SYSTEM 6 PP  
BLDO: REF. 5828.4F(25588) #

000000178346

FILIPPOV, S. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0003, PP 0007-0013  
DECARBURIZATION INTENSIFICATION PARAMETERS OF  
IRON MELTS IN THE ABSENCE OF A SURFACE ACTIVE  
MEDIUM  
BISI 15968 #

000000103585

FILIPPOV, S. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0003, PP 0007-0013  
DECARBURIZATION INTENSIFICATION PARAMETERS OF  
IRON MELTS IN THE ABSENCE OF A SURFACE ACTIVE  
MEDIUM  
\*BISI 15968 #

000000205971

MOLONOV, G. D.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0003, PP 0014-0017  
SURFACE ACTIVITY OF ARSENIC IN LIQUID IRON  
ARSENIC MELTS  
BISI 15969 #

000000101474

KALLISTRATOV, O. N.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0003, PP 0018-0020  
STATE OF THE CARBON IN FE-C MELTS FROM ULTRASONIC  
MEASUREMENTS  
BISI 15970 #

000000103586

PRONIN, I. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0003, PP 0026-0031  
COMBINED CONTROL SYSTEM FOR GAS-MIXING STATION  
BISI 15971 #

000000099269

PRONIN, I. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0003, PP 0026-0031  
COMBINED CONTROL SYSTEM FOR GAS-MIXING STATION  
BISI 15971 #

000000103638

ARSENT'EV, P. P.

000000103333

//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0003, PP 0043-0046  
VARIATION IN THE VISCOSITY CHARACTERISTICS  
OF MOLTEN METAL DURING THE FORMATION OF A  
LARGE INGOT OF ACID STEEL  
BISI 15972 #

000000103588

ZAVGORODNII, P. F.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0003, PP 0047-0050  
CALCULATION OF THE DISTRIBUTION OF AN IMPURITY  
IN A CRYSTALLIZING INGOT  
BISI 15973 #

000000103588

SHCHERBADOV, V. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0003, PP 0059-0062  
SYNTHESIS OF ALGORITHMS FOR CONTROL OF STEEL  
MAKING PROCESSES ALLOWING FOR DELAYS AND DIS-  
TURBANCES WITHIN CONTROL SYSTEM CONTOUR. REPORT 1.  
BISI 15974 #

000000139573

POLYAKOV, M. G.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0003, PP 0067-0070  
MATHEMATICAL MODEL OF A FOUR-ROLL PASS DURING  
COLD ROLLING IN A ROUND-SQUARE SYSTEM  
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000000103336

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//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0003, PP 0075-0078  
CALCULATION OF THE PARAMETERS OF THE FINEGAUGE  
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BISI 15976 #

000000101479

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//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0003, PP 0079-0083  
METHOD OF CALCULATING THE SHAPE PARAMETERS OF  
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BISI 15977 #

000000101478

CHELYUSTKIN, A. B.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0003, PP 0084-0087  
THE PROBLEM OF IMPROVING THE QUALITY OF HOT  
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BISI 15978 #

000000296263

ZNADAN, V. T.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0003, PP 0090-0092  
ANALYTICAL DETERMINATION OF DEVIATIONS IN THE  
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//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0003, PP 0093-0096  
ANALYSIS OF THE RATE CONDITIONS OF HELICAL ROLLING  
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BISI 15980 #

000000108379

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KAMMEV, P. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0003, PP 0106-0108 STANDARDIZATION OF FORGING WORK UNDER FREE-FORGING HAMMERS BISI 15983	000000101481
KOLESNIK, O. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0003, PP 0112-0114 EFFECT OF THE OPENING ANGLE ON THE SPECIFIC FORCES WHEN FORGING SHAFTS IN RHOMBIC BLOCKS BISI 15984	000000204483
GALKIN, D. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0003, PP 0115-0118 BOUNDARY CONDITIONS IN DECRYPTING MOIRE PATTERNS ON COLD-ROLLED SHEETS BISI 15985	000000103337
FILIPPOV, YE. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0003, PP 0119-0126 THEORY OF PHASE TRANSITIONS BISI 15986	000000103231
BORISOV, V. T. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0003, PP 0127-0131 FORMATION OF AMORPHOUS ALLOYS WHEN QUENCHING FROM THE LIQUID BISI 15987	000000108390
OREL, L. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0003, PP 0132-0136 FIELD OF CARBON CONCENTRATION IN STEEL WITH VARIABLE AND CONSTANT DIFFUSION COEFFICIENTS BISI 15988	000000103290
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KOMAROV, O. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0003, PP 0152-0155 CHILLING DURING DIRECTED SOLIDIFICATION OR SPHEROIDAL-GRAPHITE CAST IRON BISI 15991		000000103280
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METS, A. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0003, PP 0182-0184 OPTIMIZATION OF DIMENSIONAL SERIES OF ROLLED PRODUCTS BLID 5828.4F (25589)	#	000000309919
CHELYUSTKIN, A. B. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0003, 0084-0087 THE PROBLEM OF IMPROVING THE QUALITY OF HOT ROLLED THIN STRIP. COMMUNICATION 2. BISI 15978	#	000000108381

LISIENKO, V. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0004, PP 0016-0059 A METAL HEATING PROBLEM SOLVED BY THE NODAL METHOD USING LOCAL CHARACTERISTICS OF HEAT TRANSFER AND COMPLEX BOUNDARY CONDITIONS *BISI 16059	000000101799
KOPYRIN, I. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0004, PP 0017-0021 FORMATION OF THE STRUCTURAL ZONES OF PELLETS FROM MAGNETITE CONCENTRATE BISI 16046	000000108206
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MAKSIMOV, YE. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0004, PP 0022-0025 EXPERIMENTAL INVESTIGATION OF GAS FLOW DISTRIBUTION IN STATIC AND MOVING BED. BISI 16047	000000108285
SHIFRIN, V. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0004, PP 0043-0047 AN INVESTIGATION OF THE DISTRIBUTION OF HYDROGEN BETWEEN METALS AND SIAG SURING THE ELECTRIC MELTING OF STAINLESS STEEL BISI 16048	000000145866
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DRAWING ON A FIXED MANDREL BISI 16051	#	
TIMOFEEV, V. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0004, PP 0059-0062 SOME PROBLEMS OF FORMING THE SURFACE QUALITY OF I-BEAM SEMIPRODUCTS BISI 16052	#	000000108202
POLUKHIN, V. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0004, PP 0063-0066 CONTACT INTERACTION OF THE METAL WITH THE ROLL IN PLANETARY ROLLING BISI 16053	#	000000108187
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SEREGIM, S. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0004, PP 0067-0069 COMPARISON OF TWO METHODS OF INVESTIGATING THE INHOMOGENEITY IN A METAL DURING ROLLING BISI 16089	#	000000309768
KRISHMAL, M. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0004, PP 0076-0081 DIFFUSION PROCESSES IN THE TITANIUM-IRON AND TITANIUM-IRON-CARBON SYSTEMS BISI 16054	#	000000108178
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GARVILLIN, I. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0004, PP 0090-0094 SELECTION OF RATIONAL TYPE-1 INOCULANTS FOR STEEL BISI 16056	#	000000108209
SOLNZEV, L. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0004, PP 0095-0098 EFFECT OF THE INITIAL STRUCTURE ON THE CONSTITUTION AND PROPERTIES OF HIGH STRENGTH CAST IRON AFTER HEAT TREATMENT BISI 16057	#	000000145871
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LISYENKO, V. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0004, PP 0106-0111 A METAL HEATING PROBLEM SOLVED BY THE NODAL METHOD USING LOCAL CHARACTERISTICS OF HEAT TRANSFER AND COMPLEX BOUNDARY CONDITIONS.		000000108287
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EL'KE, I. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0004, PP 0117-0120 CALCULATING THE HEATING OF METAL IN CONVEYER FURNACES DURING STATISTICAL DISTURBANCES. REPORT 2.		000000108185
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SHEVTSOV, E. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0004, PP 0127-0129 A METHOD OF CONTINUOUSLY CONTROLLING THE CARBON CONTENT OF OH-FURNACE STEEL OF OH-FURNACE STEEL		000000145869
BISI 16061	#	
MAKOVSKII, V. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0004, PP 0130-0134 THE NUMERICAL OPTIMIZATION OF THE THERMAL RUNNING OF A REHEATING FURNACE		000000145867
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BISI 16064	#	
SARAPULOV, YU. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0004, PP 0144-0148 PROVIDING AN ALGORITHM FOR BLAST-FURNACE PROCESS CONTROL THROUGH BLAST PARAMETERS		000000108204
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SHIRYAEV, V. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0004, PP 0155-0160 INVESTIGATION OF FORCE AND DEFORMATION OF THE		000000112616

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MEDOKOV, V. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0004, PP 0163-0165 IMPROVEMENT OF PRODUCTION ORGANISATION IN THE CONTINUOUS FURNACES ROLLING MILL DEPARTMENT BISI 16067	#	000000106539
MEDOKOV, V. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0004, PP 0163-0165 IMPROVEMENT OF PRODUCTION ORGANISATION IN THE CONTINUOUS FURNACES ROLLING MILL DEPARTMENT BISI 16067	#	000000309776
EL'KE, I. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0004, PP 0374-0375 CALCULATING THE HEATING OF METAL IN CONVEYER FURNACES DURING STATISTICAL DISTURBANCES. BISI 16060	#	000000108286
ARSENT'EV, P. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0005, PP 0014-0017 VISCOSUS PROPERTIES OF IRON MELTS WITH ALLOY ING ELEMENT ADDITIONS BISI 16129	#	000000105350
BODAKIN, N. E. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0005, PP 0018-0021 VISCOSITY OF LIQUID ALLOYS OF THE FE-NI SYSTEM BISI 16130	#	000000105351
BODAKIN, N. E. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0005, PP 0018-0021 VISCOSITY OF LIQUID ALLOYS OF THE FE-NI SYSTEM BISI 16130	#	000000147476
DROZDOV, N. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0005, PP 0022-0024 STUDY OF THE MECHANISM AND KINETICS OF SULPHUR EVAPORATION BY THE LEVITATED-DROP METHOD BISI 16131	#	000000105352
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AKHMATOV, V. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0005, PP 0029-0032 WETTING PLASMA COATINGS WITH LIQUID ALUMINUM BISI 16133	#	000000105354
OSINOVSKIY, L. L. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0005, PP 0036-0040 THERMAL DIFFUSIVITY AND CONDUCTIVITY OF BLAST FURNACE SLAGS. BISI 16134	#	000000116352
KOCHE, V. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0005, PP 0041-0044 MATHEMATICAL DESCRIPTION AND CONTROL ALGORITHM OF A BASIC OXYGEN FURNACE HEAT BISI 16135	#	000000122272
DOZOROV, V. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0005, PP 0047-0049 MATHEMATICAL MODEL OF THE PROCESS OF REMOV ING HYDROGEN FROM LIQUID STEEL BISI 16136	#	000000105357
DOZOROV, V. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0005, PP 0047-0049 MATHEMATICAL MODEL OF THE PROCESS OF REMOVING HYDROGEN FROM LIQUID STEEL BISI 16136	#	000000115074
MELIK-SHAKHNAZAROV, A. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0005, PP 0050-0054 DEVELOPMENT OF AN ALGORITHM FOR THE SOLIDIFICA TION OF A CONTINUOUS INGOT IN CONTINUOUS BILLET CASTING MACHINES BISI 16137	#	000000118523
NAZYUTA, L. YU. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0005, PP 0058-0061 THE PART PLAYED BY METAL SHOT IN THE OXIDATION OF MANGANESE DURING A BLOW IN BASIC OXYGEN FURNACES BISI 16138	#	000000122273
KOLESNIK, I. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0005, PP 0062-0064 ASSESSMENT OF THE DURABILITY OF THE CALISSON COOLER OF BASIC OXYGEN FURNACE GASES BISI 16139	#	000000115746
CHUGUNOV, L. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0005, PP 0068-0070 THE BALLAST-FREE POWER SUPPLY OF POWERFUL ARC	#	000000126870

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TRUSOV, P. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0005, PP 0084-0087 DETERMINATION OF THE RESIDUAL STRESSES IN HOT- ROLLED H-BEAMS. REPORT 1. BISI 16143	#	000000108211
SKOROKHODOV, N. E. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0005, PP 0113-0116 INVESTIGATION AND TESTS OF COMPOSITE ROLLING MILLS. COMMUNICATION 1. BISI 16147	#	000000118511
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ANIKEYEV, YE. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0005, PP 0145-0147 PRODUCING CARBIDE COATINGS ON GRAPHITE 7 PP *FSTC SERIAL NUMBER 1292-78	#	000000159082
ANIKEYEV, YE. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0005, PP 0145-0147 PRODUCING CARBIDE COATINGS ON GRAPHITE 7 PP DUO COPYRIGHT INFO REFER OTHERS TO FSTC ARM/FSTC/HT-1292-78	#	000000212217
ANASTASYADI, G. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0005, PP 0148-0151 DISTRIBUTION OF ADDITION TO THE DENORITE CELLS IN THE CRYSTALLIZATION AND COOLING OF AN ALLOY BISI 16152	#	000000108212

CHUVIKIN, N. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0005, PP 0157-0160 IDENTIFICATION OF CONVECTIVE-DIFFUSION SYSTEMS BISI 16154	000000108214
IBRYAYEV, V. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0005, 0171-0173 DETERMINATION OF THE OPTIMUM PERIODICITY OF REPAIRS TO SOAKING PITS BISI 16157	000000108410
BURYLEV, B. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0006, PP 0007-0011 INTERACTION OF MANGANESE AND METALS OF THE IRON GROUP WITH THEIR CHLORIDES BISI 16357	000000122279
ZAKHAROV, I. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0006, PP 0015-0018 DIMENSIONS OF RACEWAYS ZONES IN THE BLAST FURNACE. COMMUNICATION 1. BISI 16358	000000116351
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OKHOTSKII, V. B. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0006, PP 0026-0032 DYNAMICS OF A METAL BATH WHEN INJECTING THE METAL. BISI 16360	000000116334
DANCHENKOV, YA. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0006, PP 0033-0038 CRITERIA FOR THE DYNAMIC OF THE RATE AT WHICH CARBON IS OXIDIZED. BISI 16361	000000116361
SHIFRIN, V. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0006, PP 0059-0062 BEHAVIOR OF HYDROGEN IN THE BATH OXYGEN BLOW PERIOD DURING THE ELECTRIC FURNACE MELTING OF A 18-10 TYPE STAINLESS STEEL. BISI 16362	000000116337
PARSHIN, V. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0006, PP 0063-0067 STRESSES DURING THE DRAWING OF AN AXIALLY SYMMETRIC BODY WITH DUE REGARD TO INITIAL PLASTIC INHOMOGENEITY. BISI 16363	000000116313
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//IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0006, PP 0072-0076 EFFECT OF ROLLING PARAMETERS ON THE MAGNETIC PROPERTIES OF COLD-ROLLED TRANSFORMER STEEL. BISI 16364	#	000000115931
STARICHENKO, D. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0006, PP 0077-0081 EFFECT OF JOINT ACTION OF THE LUBRICANTS KOS-1 AND DISON IN THE COLD ROLLING OF TRANSFORMER STEEL. BISI 16365	#	000000116340
GRIGOR'EV, A. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0006, PP 0082-0084 INEQUALITY OF DEFORMATION WHEN JOINING SIMILAR METALS BY THE PACK ROLLING METHOD. BISI 16366	#	000000116340
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CHELYSHEV, N. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0006, PP 0091-0093 INVESTIGATION OF THE RESISTANCE OF RAILS TO CROSS SECTIONAL FATIGUE FRACTURE BISI 16368	#	000000122282
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TARAN, YU. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0006, PP 0106-0108 CHEMICAL MICRO-HETEROGENEITY OF TYPE (FE,Mo)6 C IRON MOLYBDENUM CARBIDE IN FE-MO-C ALLOYS. BISI 16370	#	000000116280
BOGACHEV, I. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0006, PP 0109-0111 INFLUENCE OF PRIOR DEFORMATION ON THE MECHANICAL PROPERTIES OF OKH14AG12M STEEL BISI 16371	#	000000116341
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EM, P. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0006, PP 0115-0120 RESEARCH INTO THE INTERACTION OF STEEL-MAKING CARBON FERROCHROMIUM AND SILICON. BISI 16372	000000115995
GRIGOR'EV, A. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0006, PP 0124-0128 STRUCTURE AND PROPERTIES OF TWO-PHASE STAINLESS STEEL AFTER HEAT AND MECHANICAL TREATMENT AT HIGH TEMPERATURES. BISI 16373	000000116356
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AKIMENKO, A. D. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0006, PP 0133-0137 INVESTIGATION OF THE HEAT EXCHANGE DURING THE CASTING OF STEEL INTO A BORON-SILICONIZED GRAPHITE MOULD. BISI 16375	000000116358
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RAEVA, M. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0006, PP 0154-0157 PERFECTING A METHOD OF CALCULATING THE HEAT- ING OF UNIVARIATE BODIES WITH NON-LINEAR BOUNDARY CONDITIONS. BISI 16379	000000116286
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PETROV, YU. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0006, PP 0167-0169 ELASTIC PLASTIC BENDING MOMENT DURING THE STRAIGHTENING OF STRIP BY DRAWING METHOD WITH DUE REGARD TO THE WORK HARDENING OF THE MATERIAL. BISI 16381	000000116314
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IOFFE, V. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0006, PP 0182-0185 TECHNICAL PARTICULARS OF HEATS CARRIED OUT IN OXYGEN-BLOWN CONVERTERS USING A SEMI- PRODUCT. BISI 16383	000000116336
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DERYABIN, V. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0007, PP 0018-0021 ATTRACTION OF SINTERING MIX PARTICLES BY LAYERS OF IRON SILICATE MELTS. COMMUNICATION 2. BISI 16440	000000115912
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//IZVESTIYA VUZ CHERNAYA METALLURGIYA//	
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//IZVESTIYA VUZ CHERNAYA METALLURGIYA//	
00/00/1977, V----, N0007, PP 0054-0058	
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//IZVESTIYA VUZ CHERNAYA METALLURGIYA//	
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//IZVESTIYA VUZ CHERNAYA METALLURGIYA//	
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//IZVESTIYA VUZ CHERNAYA METALLURGIYA//	
00/00/1977, V----, N0007, PP 0078-0082	
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//IZVESTIYA VUZ CHERNAYA METALLURGIYA//	
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//IZVESTIYA VUZ CHERNAYA METALLURGIYA//	
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DENISOV, P. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0007, PP 0112-0114 ASSESSMENT OF THE WORKABILITY OF TYPE A12 FREE-CUTTING STEEL BISI 16456	#	000000131468
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LEVI, L. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0007, PP 0155-0157 INFLUENCE OF MANGANESE ON THE NITROGEN CONTENT OF CAST IRON AND METHODS OF DETERMINING IT BISI 16461	000000131462
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00/00/1977, V----, N0008, PP 0032 STRUCTURAL HETEROGENEITY OF FREE-FLOWING MEDIA BISI 16598	#	
ZAKHAROV, I. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0008, PP 0039-0042 DIMENSIONS OF THE RACEWAY ZONES IN THE BLAST FURNACE. COMMUNICATION 2. BISI 16599	#	000000141444
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FAINERMAN, V. B. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0008, PP 0050-0053 HEAT AND MASS EXCHANGE PROCESS IN THE REACTION ZONE BISI 16601	#	000000141455
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LEL, R. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0008, PP 0077-0080 FLATTENING OF THE ROLLS OF A TWO-HIGH MILL DURING ROLLING WITH TENSION AND LUBRICANTS BISI 16603	#	000000141454
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MAZUR, V. L. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0008, PP 0092-0096 EFFECT OF THE MICRORELIEF OF ROLLS AND ROLLED STOCK ON THE SUPPLY OF LUBRICANT TO THE DEFORMATION ZONE IN FOLLING COMMUNICATION 1 *BISI 16607 #	000000122253
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EFIMOVA, L. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0008, PP 0097-0099 EFFECT OF DIAMOND SMOOTHING ON THE FINE CRYSTAL LINE STRUCTURE OF TYPE 45 STEEL BISI 16608 #	000000141450
BOGACHEV, I. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0008, PP 0103-0106 INVESTIGATION OF HOT SHORTNESS IN IRON-COPPER ALLOYS BISI 16609 #	000000141451
BOIKOV, V. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0008, PP 0112-0114 RESEARCH INTO THE EFFECT OF THE KINETIC DUCTILITY OF THE R18 STEEL DURING THE MARTENSITE TRANSFORMATION BISI 16610 #	000000141441
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BADER, E. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0008, PP 0123-0126 CONTROL OF STRUCTURE IN MALLEABLE IRON BY ADJUSTMENT OF THE NITROGEN AND SULPHUR CONTENTS BISI 16612 #	000000141423
KALININA, L. T. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0008, PP 0132-0132 EFFECT OF CHEMICAL COMPOSITION ON THE STRUCTURAL ANAMALOUSNESS OF SYNTHETIC MAGNESIUM IRON FOR ROLLING MILL ROLLS BISI 16613 #	000000132077
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//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0008, PP 0136-0140  
UNSTEADY TRANSFER IN A DENSE MOVING LAYER DURING  
STRAIGHT THROUGH GAS FILTRATION  
\*BISI 16614 #

000000155196

SEMIKIN, E. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0008, PP 0136-0140  
UNSTEADY TRANSFER IN A DENSE MOVING LAYER DURING  
STRAIGHT THROUGH GAS FILTRATION  
BISI 16614 #

000000155196

GOL'FARB, E. M.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0008, PP 0141-0142  
POTENTIAL EFFECTIVENESS OF OPTIMIZING THE RUNNING  
OF REHEATING FURNACES FROM THE FUEL CONSUMPTION  
BISI 16615 #

000000141420

VYKOV, I. M.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0008, PP 0147-0148  
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BISI 16616 #

000000141421

GOL'FARB, E. M.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0008, PP 0150-0153  
SELECTION OF COMPOSITE BLAST PARAMETERS WITH DUE  
REGARD TO SOME OF THE OPTIMIZATION CRITERIA  
BISI 16617 #

000000141438

AVDEYEV, V. P.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0008, PP 0157-0163  
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\*BISI 16618 #

000000122264

DEGIYAREV, V. S.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0008, PP 0173-0175  
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\*BISI 16619 #

000000122265

SAFRONOV, V. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0008, PP 0176-0179  
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OF PRIMARY MILLS  
BISI 16620 #

000000141419

KHLYNOV, V. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0008, PP 0013-0017  
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SURFACES.  
\*BISI 16595 #

000000122234

FILIPPOV, S. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0009, PP 0009-0012  
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000000138304

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MINAEV, YU. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0009, PP 0013-0016 SURFACE TENSION ON BINARY MELTS OF FE, CO, NI ON THE THEORY OF REGULAR SOLUTIONS BISI 16763	#	000000138307
BODAKIN, N. E. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0009, PP 0017-0019 ANOMALIES ON THE VISCOSITY POLYTHERMS OF METAL MELTS BISI 16764	#	000000138305
YANIKEEV, YE. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0009, PP 0059-0061 REACTIONS OF MOLTEN TITANIUM WITH CARBON-GRAPHITE MOULDING MATERIALS PROTECTED BY CARBIDES. *BISI 16769	#	000000122037
ANIKEYEV, E. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0009, PP 0059-0061 REACTIONS OF MOLTEN TITANIUM WITH CARBON-GRAPHITE MOULDING MATERIALS PROTECTED BY CARBIDES BISI 16769	#	000000179756
MEN'SHIKOV, YU. L. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0009, PP 0069-0073 IDENTIFICATION OF THE MOMENT OF PROCESSING RE SISTANCE ON A SHEET ROLLING MILL *BISI 16770	#	000000122038
MEN'SHIKOV, YU. L. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0009, PP 0069-0073 IDENTIFICATION OF THE MOMENT OF PROCESSING RE SISTANCE ON A SHEET ROLLING MILL BISI 16770	#	000000138318
NIKOLAEV, V. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0009, PP 0074-0078 INVESTIGATION OF THE EFFECT OF SCALE FACTOR ON FATIGUE LIMIT BISI 16771	#	000000138315
STATSENKO, V. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0009, PP 0092-0094 INVESTIGATION INTO RELIABILITY OF WORK ROLLS ON A 780 ROLLING MILL AT CHELYABINSK IRON AND STEEL WORKS BISI 16775	#	000000138320
RATAI, S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0009, PP 0095-0099 MODELLING THE PERFORMANCE OF A COMPLEX OF ROLLING	#	000000138317

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//IZVESTIYA VUZ CHERNAYA METALLURGIYA//		
00/00/1977, V----, N0009, PP 0100-0108		
FORMATION OF A EUTECTIC WITH QUANTIFICATION OF		
THE VOLUME.		
BISI 16777	#	
FILIPPOV, YE. S.		000000205897
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//		
00/00/1977, V----, N0009, PP 0100-0108		
FORMATION OF A EUTECTIC WITH QUANTIFICATION OF		
THE VOLUME		
BISI 16777	#	
FOMICHEV, O. I.		000000150025
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//		
00/00/1977, V----, N0009, PP 0109-0112		
FEATURES OF THE SOLIDIFICATION OF MONOVARIANT		
EUTECTICS IN THE TERNARY FE-C-B SYSTEM		
BISI 16778	#	
KULIKOV, K. I.		000000138303
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//		
00/00/1977, V----, N0009, PP 0113-0118		
MODEL HAMILTONIAN OF A TRANSITIONAL METAL, SELF		
CORRELATED CALCULATION METHOD		
BISI 16779	#	
MOCHALIN, N. K.		000000146346
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//		
00/00/1977, V----, N0009, PP 0127-0131		
STRUCTURE OF THE FISHEYES IN 35 KHN3MFA STEEL		
BISI 16780	#	
ZHLUKTENKO, E. I.		000000146270
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//		
00/00/1977, V----, N0009, PP 0136-0138		
FEATURES OF THE DIFFUSION OF BORON DURING BORIDING		
BISI 16781	#	
ZHLUKTENKO, YE. I.		000000182342
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//		
00/00/1977, V----, N0009, PP 0136-0138		
FEATURE OF THE DIFFUSION OF BORON DURING BORIDING		
BISI 16781	#	
KIPER, L. K.		000000133146
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//		
00/00/1977, V----, N0009, PP 0145-0148		
RESEARCH INTO THE LAWS FOR THE CONSTRAINED		
FILTRATION OF GAS THROUGH SAND CORES		
BISI 16782	#	
LEVI, L. I.		000000122051
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//		
00/00/1977, V----, N0009, PP 0149-0152		
EFFECTS OF ALLOYING ELEMENTS ON THE VISCOSITY		
OF MOLTEN NICKEL		
*BISI 16783	#	
LEVI, L. I.		000000179735

//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, NO009, PP 0149-0152  
EFFECTS OF ALLOYING ELEMENTS ON THE VISCOSITY  
OF MOLTEN NICKEL  
BISI 16783 #

SHCHELKANOV, A. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, NO009, PP 0153-0156  
LAWS FOR FORMULATING THE GEOMETRICAL  
CHARACTERISTICS OF A KINEMATIC GAS FLAME  
BISI 16784 #

DERKACHEV, D. N.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, NO009, PP 0169-0171  
EVALUATION OF THE STATE OF A BASIC OXYGEN FURNACE  
HEAT ON THE BASIS OF ADAPTIVE ALGORITHMS COMMUNI  
CATION 1.  
\*BISI 16787 #

SHCHERBAKOV, B. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, NO009, PP 0172-0176  
METHODS OF SYNTHESIS OF QUASI-OPEN CONTROL IN  
ASU OF STEELMAKING PROCESSES  
BISI 16788 #

SHCHERBAKOV, B. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, NO009, PP 0172-0176  
METHODS OF SYNTHESIS OF QUASI-OPEN CONTROL IN  
ASU OF STEELMAKING PROCESSES  
BISI 16788 #

VAN KHOA, NGUEN  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, NO009, PP 0177-0180  
INVESTIGATION OF NON-DESTRUCTIVE METHODS OF DETER  
MINING THE POROSITY OF COMPACTS OF METAL POWDERS  
AND OF THE SINTERED ARTICLES  
\*BISI 16789 #

NGUEN VAN KHOA  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, NO009, PP 0177-0180  
INVESTIGATION OF NON-DESTRUCTIVE METHODS OF  
DETERMINING THE POROSITY OF COMPACTS OF METAL  
POWDERS AND OF THE SINTERED ARTICLES  
BISI 16789 #

NGUEN VAN KHOA  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, NO009, PP 0177-0180  
INVESTIGATION OF NON-DESTRUCTIVE METHODS OF  
DETERMINING THE POROSITY OF COMPACTS OF METAL  
POWDERS AND OF THE SINTERED ARTICLES  
BISI 16789 #

SEVERDENKO, V. P.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, NO009, 0079-0081  
ANALYSIS OF THE STRESS STATE IN DRAWING TUBES  
WITH RADIAL VIBRATIONS

000000138308

000000122055

000000133159

000000150023

000000122057

000000133163

000000150027

000000146343

BISI 16772	#	
KOSTYLEV, V. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0009, 0082-0084 DETERMINATION OF THE CONTACT PRESSURES BETWEEN THE SLEEVE AND AXLE OF A COMPOSITE MILL ROLL BISI 16773		000000138319
KILIKOV, A. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0009, 0089-0091 STRUCTURE AND PROPERTIES OF TUBULAR SEMI-PRODUCTS OBTAINED BY THE METHOD OF HELICAL ROLLING IN VACUUM BISI 16774		000000146344
ORLOV, V. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0009, 0161-0164 ANALYSIS OF THE RADIANT HEAT EXCHANGE IN A HEATING FURNACE IN SELECTIVE NON-ISOTHERMAL ATMOSPHERE CONDITIONS, REPORT 2 BISI 16785		000000138306
KAZANTSEV, E. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0009, 0165-0168 SELECTION OF THE OPTIMAL TEMPERATURE PROCEDURE FROM THE MINIMAL SCALE FORMATION BISI 16786		000000146347
MEDZHIBOZHSKII, M. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0009, 0181-0184 SELECTION OF THE ECONOMICALLY-OPTIMUM OXYGEN- CONVERTER BLOWING INTENSITY BISI 16790		000000146326
PETRUSHEVSKIY, M. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0005-0009 INVESTIGATIONS AND CALCULATIONS OF THE SOLUBILITY OF HYDROGEN IN MOLTEN FE-CO-NI ALLOYS BISI 16874		000000142426
GAVRILOV, S. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0015-0017 CERTAIN THERMOPHYSICAL PROPERTIES OF BLAST FURNACE SLAGS. BISI 16875		000000146009
KARAKASH, A. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0021-0023 VISCOSITY, SURFACE TENSION AND DENSITY OF SINTERING MELTS BISI 16876		000000142428
TURKENICH, D. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0027-0030 A THERMODYNAMIC MODEL USED FOR FORECASTING THE		000000124315

ASSIMILATION OF A DEOXIDIZING ELEMENT *BISI 16877	#	
TURKENICH, D. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0027-0030 A THERMODYNAMIC MODEL USED FOR FORECASTING THE ASSIMILATION OF A DEOXIDIZING ELEMENT BISI 16877	#	000000171876
TURIVSKIY, V. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0036-0037 EFFECT OF DESIGN OF BLOWING DEVICE ON LACING EFFICIENCY IN THE PRODUCTION OF STAINLESS STEEL IN ARC FURNACE. COMMUNICATION 3 BISI 16878	#	000000171871
POKHVISNEV, A. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0041-0045 AERODYNAMICS OF SINTERING IRON ORE-MIXES UNDER PRESSURE *BISI 15273	#	000000065196
KSAF'YAN, M. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0049-0053 INVESTIGATION OF THE CONTACT PRESSURES DURING THE COLD ROLLING OF SHEET WITH A TRANSVERSE SURFACE MICRORELIEF BISI 16879	#	000000171856
KOSHELENKO, V. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0054-0056 PLOTTING THE SPEED FIELDS VIA THE FLOW SURFACE FOR THREE-DIMENSIONAL METAL FLOW BISI 16880	#	000000142438
LEL', R. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0057-0060 PROBLEM OF THE LENGTH OF THE FLATTENED BITE ARC DURING ROLLING BISI 16881	#	000000142434
BERNSHTEIN, M. L. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0061-0064 HIGH-TEMPERATURE MECHANICAL TREATMENT (HTMT) TECHNIQUE FOR THE PREPARATION OF MULTIPLE-ROLL MILL ROLLS BISI 16882	#	000000162137
CHELYSHEV, N. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0069-0072 CONTACT FATIGUE STRENGTH OF RAIL STEEL *BISI 16883	#	000000124321
CHELYSHEV, N. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0069-0072		000000223736

CONTACT FATIGUE STRENGTH OF RAIL STEEL BISI 16883	#	
STARICHENKO, D. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0076-0079 INVESTIGATION OF THE POWER PARAMETERS OF ROLLING BIMETAL SHEETS BISI 16885	#	000000171857
BOGATOV, A. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0083-0086 EXPERIMENTAL TESTING OF THE FRACTURE CONDITION IN VARIABLE-SIGN DEFORMATION BISI 16886	#	000000145994
SEREBRYAKOV, A. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0087-0090 RELIABILITY OF HYDRODYNAMIC INJECTION OF LUBRICANT IN TUBE DRAWING *BISI 16887	#	000000124325
SEREBRYAKOV, A. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0087-0090 RELIABILITY OF HYDRODYNAMIC INJECTION OF LUBRICANT IN TUBE DRAWING BISI 16887	#	000000162144
LIVSHITS, B. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0093-0096 EFFECTS OF AGEING ON THE ANNEALING TEXTURE IN SILICON IRON *BISI 16888	#	000000124326
LIVSHITS, B. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0093-0096 EFFECTS OF AGEING ON THE ANNEALING TEXTURE IN SILICON IRON BISI 16888	#	000000145956
KUROEDOV, YU. B. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0097-0099 INFLUENCE OF DIFFERENT METHODS OF SURFACE HARDENING ON POST-DEFORMATION RECOVERY PROCESSES IN SHKh15 STEEL. BISI 16889	#	000000124340
KUROEDOV, YU. B. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0097-0099 INFLUENCE OF DIFFERENT METHODS OF SURFACE HARDENING OF POST DEFORMATION RECOVERY PROCESS IN SHKh 15 STEEL BISI 16889	#	000000162149
ZHUKOV, A. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0113-0116		000000124341

RADIOGRAPHIC RESEARCH INTO THE INITIAL STAGE OF  
THE THERMAL FATIGUE BREAKDOWN OF IRON.  
BISI 16890

000000171852

ZHUKOV, A. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0010, PP 0113-0116  
RADIOGRAPHIC RESEARCH INTO THE INITIAL STAGE  
OF THE THERMAL FATIGUE BREAKDOWN OF IRON  
BISI 16890

ERSHOVA, L. S.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0010, PP 0117-0120  
EFFECT OF LASER IRRADIATION ON THE STRUCTURE OF  
AN IRON-NICKEL ALLOY  
BISI 16891

000000124342

ERSHOVA, L. S.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0010, PP 0117-0120  
THE EFFECT OF LASER IRRADIATION ON THE STRUCTURE  
OF AN IRON-NICKEL ALLOY  
BISI 16891

000000162134

MOVCHAN, V. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0010, PP 0121-0126  
FORMATION OF PEARLITE FRINGES IN IRON CASTINGS  
BISI 16892

000000124343

MOVCHAN, V. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0010, PP 0121-0126  
FORMATION OF PEARLITE FRINGES IN IRON CASTINGS  
BISI 16892

000000171853

FURMAN, E. L.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0010, PP 0127-0130  
KINETICS OF THE IMPREGNATION OF TUNGSTEN CARBIDE  
SPECIMENS WITH IRON-BASE ALLOYS  
BISI 16893

000000124349

FURMAN, YE. L.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0010, PP 0127-0130  
KINETICS OF THE IMPREGNATION OF TUNGSTEN CARBIDE  
SPECIMENS WITH IRON-BASE ALLOYS  
BISI 16893

000000171855

LYUBCHENKO, A. P.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0010, PP 0136-0139  
MANNER IN WHICH AN INOCULATING AGENT IS ABSORBED  
IN GRAPHITE  
BISI 16894

000000124350

LYUBCHENKO, A. P.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0010, PP 0136-0139  
MANNER IN WHICH AN INOCULATING AGENT IS ADSORBED  
IN GRAPHITE  
BISI 16894

000000145969

CHERNOBROVKIN, V. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0144-0146 EFFECT OF TELLURIM AND HYDROGEN ON THE TEMPERATURE OF CRYSTALLIZATION AND THE STRUCTURE OF CAST IRONS BISI 16895	000000124351
BORBOTS, YU. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0147-0150 ANALYSIS OF METAL HEATING SCHEDULES IN CONTINUOUS FURNACES WITH A VARIABLE HEATING TEMPO. BISI 16896	000000124352
BORBOTS, YU. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0147-0150 ANALYSIS OF METAL HEATING SCHEDULES IN CONTINUOUS FURNACES WITH A VARIABLE HEATING TEMPO BISI 16896	000000162150
TELEGIN, A. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0151-0153 RADIANT HEAT EXCHANGE IN THE ELECTRIC BELL-TYPE FURNACE BISI 16897	000000124353
TELEGIN, A. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0151-0153 RADIANT HEAT EXCHANGE IN THE ELECTRIC BELL TYPE FURNACE BISI 16897	000000150922
TELEGIN, A. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0151-0153 RADIANT HEAT EXCHANGE IN THE ELECTRIC BELL-TYPE FURNACE BISI 16897	000000152183
MERKER, E. E. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0158-0161 AUTOMATIC LOCATION OF THE METAL-SLAG BOUNDARY AND CONTROL OF THE POSITIONS OF OXYGEN LANCES IN OPEN-HEARTH FURNACES BISI 16898	000000124354
MEKER, E. E. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0158-0161 AUTOMATIC LOCATION OF THE METAL-SLAG BOUNDARY AND CONTROL OF THE POSITIONS OF OXYGEN LANCES IN OPEN HEARTH FURNACES. BISI 16898	000000162155
SOLNTSEV, YU. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0162-0165 PROGRAMME REGULATION IN AN AUTOMATIC SYSTEM FOR CONTROLLING HEATS ON OPEN-HEARTH FURNACES BISI 16899	000000124355

SOLNTSEV, YU. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0162-0165 PROGRAMME REGULATION IN AN AUTOMATIC SYSTEM FOR CONTROLLING HEATS IN OPEN-HEARTH FURNACES BISI 16899	000000162156
GAVRILOV, B. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0166-0168 THE COMPLEX ASSESSMENT OF THE ELONGATION FACTOR OF METAL IN ROLLING BISI 16900	000000124356
GAVRILOV, B. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0166-0168 ENGLISH TITLE UNKNOWN BISI 16900	000000162145
ZEL'TSER, S. R. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0169-0173 STRUCTURE OF INSTRUCTION SYSTEMS AS INCREASES TO THE WORKING CONDITIONS FOR PLANT IN SERVICE BISI 16901	000000124357
ZEL'TSER, S. R. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0169-0173 STRUCTURE OF INSTRUCTION SYSTEMS AS INCREASES TO THE WORKING CONDITIONS FOR PLANT IN SERVICE BISI 16901	000000171849
STOROZHIK, D. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0174-0178 CALCULATION OF FLANGED JOINTS OF BLAST-FURNACE EQUIPMENT WITH VARYING LOADS ON THE MIDDLE FLANGE BISI 16902	000000124358
STOROZHIK, D. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0174-0178 CALCULATION OF FLANGED JOINTS OF BLAST FURNACE EQUIPMENT WITH VARYING LOADS ON THE MIDDLE FLANGE BISI 16902	000000162152
TALMAZAN, V. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0179-0180 DETERMINATION OF THE COEFFICIENT OF FRICTION BE TWEEN LAPS OF A COIL AS IT IS TAKEN UP BY THE COILER MANDREL BISI 16903	000000124359
KLYUIKOV, S. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0181-0186 CALCULATION OF THE RIGIDITY OF ROLLING ROLLS GROOVED FOR COMPLEX SHAPED SECTIONS BISI 16904	000000124360
KLYUIKOV, S. F.	000000162138

//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0010, PP 0181-0186  
CALCULATION OF THE RIGIDITY OF ROLLING ROLLS  
GROOVED FOR COMPLEX SHAPED SECTIONS  
BISI 16904 #

YAVOISKII, V. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0011, PP 0010-0014  
ACHIEVEMENTS IN STEEL PRODUCTION  
\*BISI 16986 #

YAVOISKII, V. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0011, PP 0010-0014  
ACHIEVEMENTS IN STEEL PRODUCTION  
BISI 16986 #

SHTREMEL, M. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0011, PP 0028-0032  
SOVIET PHYSICAL METALLURGY IN THE SIXTIETH  
JUBILEE YEAR  
NTC 79+11339-11F #

BAKAKIN, A. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0011, PP 0033-0037  
STOCHASTIC MODEL OF THE DECARBURIZING PROCESS  
COMMUNICATION 2  
\*BISI 16987 #

BAKAKIN, A. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0011, PP 0033-0037  
STOCHASTIC MODEL OF THE DECARBURIZING PROCESS  
BISI 16987 #

FILIPPOV, S. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0011, PP 0036-0041  
THE KINETIC BEHAVIOR PATTERN OF DENITRIDING  
OF A METAL BATH DURING ITS DECARBURIZATION  
\*BISI 16988 #

FILIPPOV, S. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0011, PP 0038-0041  
THE KINETIC BEHAVIOR PATTERN OF DENITRIDING OF  
A METAL BATH DURING ITS DECARBURIZATION  
BISI 16988 #

TELKOV, V. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0011, PP 0046-0050  
THE HYDROGEN PERMEABILITY OF THIN NICKEL MEMBRANES  
\*BISI 16989 #

TELKOV, V. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0011, PP 0046-0050  
THE HYDROGEN PERMEABILITY OF THIN NICKEL MEMBRANES  
BISI 16989 #

000000147277

000000171816

000000181982

000000142805

000000171846

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000000145971

000000142807

000000195490

TELKOV, V. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0011, PP 0046-0050  
THE HYDROGEN PERMEABILITY OF THIN NICKEL MEMBRANES  
BISI 16989 #

000000199460

ISAEV, E. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0011, PP 0051-0054  
CALCULATION OF THE SINTERING FORCES OF TWO  
PARTICLES UNDER THE INFLUENCE OF A LIQUID LAYER  
BETWEEN THEM.  
\*BISI 16990 #

000000142808

ISAYEV, YE. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0011, PP 0051-0054  
CALCULATION OF THE SINTERING FORCES OF TWO  
PARTICLES UNDER THE INFLUENCE OF A LIQUID LAYER  
BETWEEN THEM.  
BISI 16990 #

000000162151

BORISOV, V. M.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0011, PP 0059-0062  
DETERMINATION OF LIME QUALITY AND ITS INFLUENCE  
ON SINTERING-PROCESS INDICES  
\*BISI 16991 #

000000142809

BORISOV, V. M.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0011, PP 0059-0062  
DETERMINATION OF LIME QUALITY AND ITS INFLUENCE  
ON SINTERING-PROCESS INDICES  
BISI 16991 #

000000171838

KURUNOV, I. F.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0011, PP 0067-0070  
DETERMINATION OF THE ECONOMIC EFFECTIVENESS OF  
AN AUTOMATED CONTROL SYSTEM FOR BLAST-FURNACE  
OPERATION  
\*BISI 16992 #

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KURUNOV, I. F.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0011, PP 0067-0070  
DETERMINATION OF THE ECONOMIC EFFECTIVENESS OF AN  
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BISI 16992 #

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TURKENICH, D. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0011, PP 0076-0078  
A THERMODYNAMIC MODEL USED FOR FORECASTING THE  
ASSIMILATION OF A DEOXIDIZING ELEMENT. REPORT 2  
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SINEL'NIKOV, YU. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0011, PP 0124-0127 CALCULATING THE MOMENTS DURING ROLLING IN GAGES WITH COMPLEX PROFILES WITH AN ARBITRARY SHAPE 12 PP DUO COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-IDIRSI-0066-79	000000153766
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KOLIKOV, A. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0011, PP 0142-0145 QUALITY OF TUBULAR SEMIPRODUCTS FROM REFRactory METALS. COMMUNICATION 1 BISI 17005	000000171830
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FILIPPov, E. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0011, PP 0146-0154 SURFACE TENSION AND ABSORPTION ON THE BASIS OF THE QUANTUM VOLUME BISI 17006	000000145957

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OSINOVSKIKH, L. L. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0005, N----, THERMAL DIFFUSIVITY AND CONDUCTIVITY OF BLAST FURNACE SLAGS *BISI 16134	#	000000205984
DROZDOV, N. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0005, N----, PP 0022-0024 VISCOSITY OF LIQUID ALLOYS OF THE FE - NI SYSTEM. *BISI 16131	#	000000108246
DERYABIN, V. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0005, N----, PP 0025-0028 ATTRACTION OF SINTERING MIX PARTICLES BY LAYERS OF IRON SILICATE METLS. *BISI 16132	#	000000108247
DOZOROV, V. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0005, N----, PP 0041-0044 MATHEMATICAL DESCRIPTION AND CONTROL ALGORITHM OF A BASIC OXYGEN FURNACE HEAT. *BISI 16136	#	000000108249
MELIK-SHAHKNAZAROV, A. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0005, N----, PP 0050-0054 DEVELOPMENT OF AN ALGORITHM FOR THE SOLIDIFICATION OF A CONTINUOUS INGOT IN CONTINUOUS BILLET CASTING MACHINES. *BISI 16137	#	000000108250
KOLESNIK, I. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0005, N----, PP 0062-0064 ASSESSMENT OF THE DURABILITY OF THE CAISSON- COOLER OF BASIC OXYGEN FURNACE GASES BISI 16139	#	000000105360
CHUGUNOV, L. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0005, N----, PP 0068-0070 THE BALLAST-FREE POWER SUPPLY OF POWERFUL ARC PLASMATRONS BISI 16140	#	000000105361
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//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V0005, N----, PP 0084-0087  
SETERMINATION OF THE RESIDIAL STRESSES IN HOT-ROLLED H-BEAMS.  
\*BISI 16143

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//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
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00/00/1977, V0005, N----, PP 0098-0100  
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//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V0005, N----, PP 0106-0112  
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SKOROKHODOV, N. E.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
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//IZVESTIYA VUZ CHERNAYA METALLURGIYA//

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00/00/1977, V0005, N----, PP 0117-0119 THE DISTORTION OF A ROLL, MOVED IN THE ROLLING PERIOD BISI 16148	#	000000105370
FILIPPOV, E. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0005, N----, PP 0120-0126 QUANTIZATION OF THE FREE VOLUME, FORMATION OF THE STRUCTURES (BCC, FCC, HEXAGONAL) AND SPHERES OF INTERACTION BISI 16149	#	000000108260
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MINTS, R. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0005, N----, PP 0135-0137 INVESTIGATION OF THE STATE OF MOSSBAUER ATOMS OF IRON IN A DEFORMED IRON-MANGANESE ALLOY BISI 16150	#	000000108261
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POTAPOV, I. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0005, N----, PP 0142-0144 SHORT TERM CREEP OF 38KH3MFA STEEL AND VT-L4 ALLOYS BISI 16151	#	000000105373
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MEDVEDEV, YA. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0005, N----, PP 0152-0156 METHOD OF DETERMINING THE RATES OF GAS EVOLU TION FROM FOUNDRY MOULDS BISI 16153	#	000000105375

CHUVIKIN, N. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0005, N----, PP 0157-0160 IDENTIFICATION OF CONVECTIVE-DIFFUSION SYSTEMS BISI 16154	#	000000105375
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BLINOV, K. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0005, N----, PP 0161-0163 INVESTIGATION OF GAS STREAMS WITH SUPERSONIC DISCHARGE. COMMUNICATION 2 BISI 16155	#	000000105376
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ZHLUKTENKO, E. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0009, N----, PP 0136-0138 FEATURES OF THE DIFFUSION OF BORON DURING BRODING BISI 16781	#	000000228964
BERONIKOV, V. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0012, N----, PP 0024-0027 THE VELOCITY AT WHICH GAS BUBBLES FLOAT OUT IN MOLTEN METALS AND SLAGS BISI 17124	#	000000223761
MAZUR, V. L. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0012, N----, PP 0072-0076 EFFECTS OF THE ROLL AND STRIP MICRO-PROFILES ON THE ACCESS OF LUBRICANT TO THE DEFORMATION ZONE DURING ROLLING BISI 17130	#	000000150928

ORLOV, YU. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0020, N0001, PP 0013-0015 DISPLACEMENT OF LIQUID BY RISING BUBBLES COMMUNICATION 1 10 PP BLLD 5828.4F(25557) #	000000237262
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FILIPPOV, E. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0020, N0001, PP 0127-0133 CONDITIONS UNDER WHICH GROUPINGS FORM AND ARE STABILIZED IN MOLTEN METAL 18 PP BLLD 5828.4F(25560) #	000000237260
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ORLOV, V. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0020, N0001, PP 0166-0168 ERRORS IN DETERMINING THE ABSORPTIVITY OF A FLAME BY THE SCHMIDT METHOD BISI 15685 #	000000237273
MEDIKOV, V. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/11/1977, V---, N0004, PP 0163-0165 IMPROVEMENT OF PRODUCTION ORGANISATION IN THE CONTINUOUS FURNACES ROLLING MILL DEPARTMENT BISI 16067 #	000000190219
GUN, G. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/PO/1978, V---, N0007, PP 0073-0075 REFINING OF NON-POTENTIAL BASIC SOLUTIONS IN PROBLEMS OF THE THEORY OF METAL PRESSURE WORKING BISI 17903 #	000000228656

KOROTEEVA, P. R. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0003, PP 0068-0071 BALANCE OF NITROGEN WITH MELTING WELDING WIRE STEELS IN 5T ARC FURNACES BISI 17412	000000155192
NIKIFOROV, B. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0006, PP 0060-0062 POWER PARAMETERS OF THE PROCESS OF ULTRASONIC FORGING OF TAPE WITH MICRON DIMENSIONS BISI 17834	000000160947
NOVIK, A. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0006, PP 0121-0123 COMPARATIVE RESEARCH INTO STEELS FOR MOULDS FOR TH DIE CASTING OF COPPER ALLOYS BISI 17843	000000160978
SVESHKOV, YU. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N1007, PP 0038-0041 PHASE COMPOSITION AND WETTABILITY OF ALUMINOSILICATE NON-METALLIC INCLUSIONS BY MOLTEN STEELS BISI 18900	000000228671
SHEVAKIN, YU. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N----, PP 0061-0066 STRESS-STRAIN STATE OF THE METAL DURING DRAWING BISI 18065	000000267969
KAPUSTIN, E. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0001, PP 0005-0008 KINETICS AND MECHANISM FEATURES OF THE REDUCTION OF IRON OXIDES BY NATURAL GAS. BISI 17226	000000146016
PAVLOV, YU. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0001, PP 0009-0012 THE INFLUENCE OF ADDITIONS OF CU20, PBO AND FE20 ON THE KINETICS OF THE REDUCTION OF MO03 BY CARBON UNDER NON ISOTHERMIC CONDITIONS PART 2 BISI 17227	000000146015
BYKHOVSKII, A. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0001, PP 0017-0020 EFFECT OF POLARIZATION ON THE SPREAD OF CHALCOGENS OVER IRON IN MOLTEN SALTS. BISI 17228	000000145999
BORISOV, V. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0001, PP 0021-0024 RELATION BETWEEN SINTERING INDICES FOR A SINGLE MIX AND THE INITIAL AIR PERCOLATION VELOCITY BISI 17229	000000146007

VOLGAI, V. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0001, PP 0029-0031 RELATIONSHIP BETWEEN MAGNETIC CHARACTERISTICS AND STRENGHT OF IRON-ORE PELLETS. BISI 17230	000000146008
YAVIOSKIY, V. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0001, PP 0032-0037 THE INTERACTION BETWEEN DROPLETS OF AN IRON CARBON MELT WITH PULSATING FLOW OF OXIDIZING GAS. PART 2. BISI 17231	000000151187
YAVOISKIY, A. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0001, PP 0047-0050 APPARATUS FOR INVESTIGATING VACUUM METALLURGY PROCESSES BY HEATS CARRIED OUT WITHOUT A CRUCIBLE BISI 17233	000000228916
KOTESHOV, N. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0001, PP 0055-0058 RESEARCH INTO EFFECTS OF FORCED COOLING ON THE SOLIDIFICATION OF CYLINDRICAL CASTINGS. BISI 17234	000000146003
TAGER, L. R. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0001, PP 0063-0066 OXIDATION OF CHRONIUM AND CARBON WITH OXYGEN INJECTION OF COMPLEX ALLOY NICKEL MELTS. BISI 17235	000000146014
KAZACHKOV, E. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0001, PP 0067-0069 CHANGES IN THE ENTHALPY OF CERTAIN STEELS AT HIGH TEMPERATURES BISI 17236	000000145983
ANIKEEV, E. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0001, PP 0070-0072 ABSORPTION OF REFRACTORU METALS ON THE SURFACE OF GRAPHITE. BISI 17237	000000145987
GUN, YA. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0001, PP 0073-0077 MATHEMATICAL DESCRIPTION OF THE METAL FLOW DURING THE ROLLING OF A COMPLEX SHAPE SECTION. BISI 17238	000000146030
GUN, G. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0001, PP 0078-0082 REFINEMENT OF THE MATHEMATICAL MODEL FOR THE PRESSING OF COMPLEX CONFIGURATION SECTIONS BISI 17239	000000190165

KOSHEVOI, A. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0001, PP 0083-0087 MATHEMATICAL MODEL OF THE NON-STATIC INTER-STAND DEFORMATION PROCESS DURING HOT ROLLING. BISI 17240	000000146031
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GETIYA, I. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0001, PP 0094-0098 STRESSED STATE DURING THE CROSS ROLLING OF HOLLOW BODIES WITHOUT A MANDREL BISI 17242	000000151255
DEL', G. D. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0001, PP 0103-0105 PROBABILITY OF RUPTURE DURING THE WORKING OF A METAL BISI 18243	000000146033
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KOLOKOV, A. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0001, PP 0113-0116 QUALITY OF TUBULAR SEMIPRODUCTS FROM REFRACTORY METALS BISI 17245	000000223745
ALEKSANDROVICH, A. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0001, PP 0124-0127 CONTROL OF THE PROCESS OF ROLLING BIMETAL MATERIALS FROM POWDERS BISI 17246	000000150927
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//IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0001, PP 0132-0134 CALCULATION OF THE PROFILE OF THE WORKING TOOL OF A MILL FOR COLD-ROLLING TUBES BISI 17247	#	
FFILIPPOV, YE. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0001, PP 0140-0148 THEORY OF DIFFUSION BASED ON QUANTIZED ATOM VOLUME BISI 17248	#	000000156612
KNIZHNICK, E. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0001, PP 0149-0152 USE OF A THERMOMAGNETIC FIELD DURING TWO-STAGE THERMOMAGNETIC TREATMENT OF YUNDK40T8-TYPE ALLOYS BISI 17249	#	000000152184
KHOROSHAILOV, V. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0001, PP 0161-0164 CALCULATING THE SATURATION OF STEEL WITH CARBON IN CONTROLLED ATMOSPHERES UNDER CARBURIZATION CONDITIONS BISI 17250	#	000000223760
DUBININ, G. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0001, PP 0165-0167 ALUMINIUM-COATING OF THE MAGNETICALLY HARD YUNDK24 ALLOY BISI 17251	#	000000155200
STAVISYUK, G. L. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0001, PP 0177-0179 INFLUENCE OF STRESS CONCENTRATIONS OF THE PROPERTIES OF HIGH MANGANESE STEEL CASTINGS BISI 17252	#	000000150918
ZAKHAROV, G. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0001, PP 0180-0183 OPTIMIZING METAL HEATING IN CONTINUOUS FURNACES IN TIME WITH THE HEATING PROCESS. COMMUNICATION 1/ BISI 17253	#	000000137649
MAKOVASKII, V. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0001, PP 0184-0186 PRINCIPLES OF THE CONSTRUCTION OF AN ADAPTIVE DIGITAL DYNAMIC MODEL OF THE BLAST-FURNACE PROCESS BISI 17254	#	000000151534
ZAKHAROV G. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0001, PP 0180-0183 OPTIMIZING METAL HEATING IN CONTINUOUS FURNACES IN TIME WITH THE HEATING PROCESS BISI 17253	#	000000155130

NOVIKOV, V. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0002, PP 0005-0008 KINETICS OF THE REMOVAL OF CARBON FROM A METAL WHERE THERE IS INSUFFICIENT OXYGEN IN THE GASEOUS PHASE. REPORT 2 *BISI 17317	000000155161
NOVIKOV, V. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0002, PP 0005-0008 KINETICS OF THE REMOVAL OF CARBON FROM A METAL WHERE THERE IS INSUFFICIENT OXYGEN *BISI 17317	000000225194
KRASAVTSEV, N. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0002, PP 0014-0017 SOME ASPECTS OF THE THERMODYNAMICS OF THE REDUCTION OF IRON FROM OXIDES. PART 2 *BISI 17318	000000225195
BURYLEV, V. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0002, PP 0018-0020 THERMODYNAMICS OF DILUTE SOLUTIONS OF GERMANIUM IN BINARY MELTS WITH METALS OF THE IRON GROUP *BISI 17319	000000142654
BURYLEV, V. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0002, PP 0018-0020 THERMODYNAMICS OF DILUTE SOLUTIONS OF GERMANIUM IN BINARY MELTS WITH METALS OF THE IRON GROUP *BISI 17319	000000225196
KITAEV, B. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0002, PP 0025-0028 INVESTIGATION OF TEMPERATURE FIELDS IN MAGNITOGORSK-COMBINE (MMK) BLAST FURNACES *BISI 17320	000000225197
TARANOV, YE. D. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0002, PP 0035-0038 MODELING THE PROCESS OF REFINING STEEL WITH MOLTEN SYNTHETIC SLAG IN THE LAUNDER OF A STEELMAKING FURNACE *BISI 17321	000000142657
TARANOV, YE. D. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0002, PP 0035-0038 MODELLING THE PROCESS OF REFINING STEEL WITH MOLTEN SYNTHETIC SLAG IN THE LAUNDER OF A STEELMELTING FURNACE *BISI 17321	000000225198
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GRISHCHENKO, S. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0002, PP 0043-0048 AN INVESTIGATION OF THE NON-METALLIC PHASE IN NITROGENISED ALLOYS OF THE FE-MN-V SYSTEM *BISI 17322	#	000000225199
GUN, G. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0002, PP 0055-0058 MATHEMATICAL DESCRIPTION OF METAL FLOW WHEN ROLLING SECTIONS OF COMPLEX SHAPE *BISI 17323	#	000000142659
GUN, G. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0002, PP 0055-0058 MATHEMATICAL DESCRIPTION OF METAL FLOW WHEN ROLLING SECTIONS OF COMPLEX SHAPE. COMMUNICATION 2 *BISI 17323	#	000000225200
BOGATOV, A. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0002, PP 0062-0065 REGENERATION OF THE PLASTICITY RESERVE WITH ANNEALING AFTER COLD WORKING *BISI 17324	#	000000142660
BOGATOV, A. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0002, PP 0062-0065 REGENERATION OF THE PLASTICITY RESERVE WITH ANNEALING AFTER COLD WORKING BISI 17324	#	000000155219
BOGATOV, A. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0002, PP 0062-0065 REGENERATION OF THE PLASTICITY RESERVE WITH ANNEALING AFTER COLD WORKING *BISI 17324	#	000000225201
NIKOLEAV, V. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0002, PP 0066-0069 ROLLING TORQUES IN ASYMMETRICAL FRICTIONAL CONDITIONS *BISI 17325	#	000000142656
NIKOLAEV, V. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0002, PP 0066-0069 ROLLING TORQUES IN ASYMMETRICAL FRICTIONAL CONDITIONS *BISI 17325	#	000000225202
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CHEL'SHEV, N. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0002, PP 0074-0078 SPECIAL FEATURES OF THE HOT ROLLING OF SHEETS USING A SILICATE MELT BISI 17326	000000151559
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SAF'YAN, M. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0002, PP 0083-0086 DIFFUSION OF PLASTIC DEFORMATION OVER THE WIDTH OF THE STRIP DURING ROLLING IN CONTINUOUS WIDE STRIP MILL STANDS *BISI 17327	000000142662
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ANTIMONOV, A. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0002, PP 0087-0090 DESIGNING TRANSITIONS WHEN DRAWING THICK-WALLED TUBES ON A SELF-ALIGNING MANDREL. *BISI 17328	000000146500
ANTIMONOV, A. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0002, PP 0087-0090 DESIGNING TRANSITIONS WHEN DRAWING THICK-WALLED TUBES ON A SELF-ALIGNING MANDREL BISI 17328	000000155190
ANTIMONOV, A. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0002, PP 0087-0090 DESIGNING TRANSITIONS WHEN DRAWING THICK-WALLED TUBES ON A SELF-ALIGNING MANDREL *BISI 17328	000000225205
SINEL'NIKOV, YU. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0002, PP 0091-0095 THE NEUTRAL LINE OF A PASS. *BISI 17329	000000146501

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SINEL'NIKOV, YU. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0091-0095 THE NEUTRAL LINE OF A PASS. COMMUNICATION 1 *BISI 17329	000000225206
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GADALOV, V. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0096-0098 INFLUENCE OF HEAT TREATMENT ON INTERNAL FRICTION OF CAST NICKEL-CHROMIUM BASE ALLOY *BISI 17330	000000225207
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APAEV, B. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0099-0102 MAGNETOMETRIC RESEARCH INTO THE PHASE CHANGES IN UNSTABLE FE-NI-C SYSTEM BASE AUSTENITIC ALLOYS BISI 17331	000000151547
APAEV, B. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0099-0102 MAGNETOMETRIC RESEARCH INTO THE PHASE CHANGES IN UNSTABLE FE-NI-C SYSTEM BASE AUSTENITIC ALLOYS BISI 17331	000000165118
APAEV, B. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0099-0102 MAGNETOMETRIC RESEARCH INTO THE PHASE CHANGES IN UNSTABLE FE-NI-C SYSTEM BASE AUSTENITIC ALLOYS *BISI 17331	000000225208
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SOLODIKHIN, V. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0002, PP 0117-0119		000000225211
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PETRUKHIN, M. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0002, PP 0149-0153 TWO-STEP CONTROL OF CYCLIC PROCESSES. *BISI 17339	#	000000146497
PETRUKHIN, M. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0002, PP 0149-0153 TWO-STEP CONTROL OF CYCLIC PROCESSES BISI 17339	#	000000155156
PETRUKHIN, M. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0002, PP 0149-0153 TWO-STEP CONTROL OF CYCLIC PROCESSES *BISI 17339	#	000000225216
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DUBOVIK, V. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA//		000000146498

00/00/1978,V----,N0002, PP 0154-0159  
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\*BISI 17340 #

000000146499

EGOROV, V. F.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,N0002, PP 0157-0159  
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FOR SHORT-REPEAT-ACTION MECHANISMS.  
\*BISI 17341 #

EGOROV, V. F.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,N0002, PP 0157-0159  
SELECTION OF ACCELERATION AND DECELERATION TIMES  
FOR SHORT-REPEAT-ACTION MECHANISMS  
BISI 17341 #

000000151548

EGOROV, V. F.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,N0002, PP 0157-0159  
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KOROLEV, A. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,N0002, PP 0160-0166  
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DURING ASYMMETRIC ROLLING.  
\*BISI 17342 #

000000146486

KOROLEV, A. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,N0002, PP 0160-0166  
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DURING ASYMMETRIC ROLLING  
BISI 17342 #

000000151564

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//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,N0002, PP 0167-0171  
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THE ROLLED METAL ON CONTINUOUS BILLET MILLS.  
\*BISI 17343 #

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LEKHOV, O. S.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,N0002, PP 0167-0171  
INTERACTION DYNAMICS OF THE STAND DRIVES THROUGH  
THE ROLLED METAL OF CONTINUOUS BILLET MILLS  
BISI 17343 #

000000155204

SUKHOSTAT, S. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,N0002, PP 0183-0185  
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EQUIPMENT IN ANCILLARY PRODUCTION IN THE IRON AND  
STEEL INDUSTRY.  
\*BISI 17344 #

000000146488

SUKHOSTAT, S. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,N0002, PP 0183-0185

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SOTSKOV, A. D. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0003, PP 0005-0008 STUDY OF THE HYTERESIS CHARACTERISTICS OF WETTING BY THE CAPILLARY RAISING METHOD. *BISI 17401	#	000000162529
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VOITKOVSKIY, YU. B. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0003, PP 0012-0014 STUDY OF THE KINETICS OF SOLID-PHASE REACTION IN THE FE203-NIO SYSTEM WITH THE AID OF THE MOSSBAUER EFFECT BISI 17403	#	000000155177
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KOSHELEV, S. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0003, PP 0019-0022 SPECIAL FEATURES OF SILICON REDUCTION IN BLAST FURNACES OF LARGE AND SMALL VOLUME. *BISI 17404	#	000000162532
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MAKOVSKIY, V. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0023-0026 PRINCIPLES OF THE CONSTRUCTION OF AN ADAPTIVE DIGITAL DYNAMIC MODEL OF THE BLAST-FURNACE PROCESS *BISI 17405 #	000000162533
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KAZACHKOV, E. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0047-0049 MEASUREMENT DO HEAT LOSSES TO THE SURROUNDING MEDIUM DURING THE SOLIDIFICATION OF INGOTS. *BISI 17407 #	000000162536
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URBANOVITCH, L. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0054-0053 AN INVESTIGATION OF THE SOLIDIFICATION OF A CONTINUOUSLY CAST STRAND USING A MATHEMATICAL MODE TAKING ACCOUNT OF LOCAL NON-UNIFORMITY OF COOLING BISI 17408 #	000000155215
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ZHUCHKOV, V. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0003, PP 0064-0067 STUDY OF THE PHYSICAL AND MECHANICAL CHARACTERISTICS OF FERROSILICON AND THE PARAMETERS OF POURING IT BY THE SUSPENSION METHOD *BISI 17411	#	000000162540
KUCHERYAEV, B. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0003, PP 0072-0074 CALCULATION OF THE DEFORMATION KINEMATICS OF COMPOSITE MEDIA. BISI 17413	#	000000155446
KUCHERYAYEV, B. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0003, PP 0072-0074 CALCULATION OF THE DEFORMATION KINEMATICS OF COMPOSITE MEDIA. REPORT 1 *BISI 17413	#	000000225084
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PORTNAYA, Z. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0003, PP 0075-0078 EXPERIMENTAL-THEORETICAL METHOD OF DETERMINING DEFORMATION SPEEDS *BISI 17414	#	000000225085
NOVIKOV, N. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0003, PP 0086-0089 USE OF THE INCOMPRESSIBILITY CONDITION IN MOIRE		000000155172

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GUN, G. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0003, PP 0090-0093 EFFECT OF THE MECHANICAL PROPERTIES OF A MATERIAL ON THE KINEMATIC PLASTIC FLOW PARAMETERS DURING PLANE DEFORMATION EXTRUSION *BISI 17416	#	000000225087
ZHIRAVLEV, A. Z. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0003, PP 0094-0096 FLOWING AND DEFORMATION ON FIELD OF SLIP LINES IN PLASTIC FLOW. BISI 17417	#	000000155444
ZHIRAVLEV, A. Z. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0003, PP 0094-0096 FLOWLINE AND DEFORMATION IN FIELD SLIP LINES IN PLASTIC FLOW *BISI 17417	#	000000225088
KOSTAREV, I. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0003, PP 0101-0103 USE OF DIGITAL COMPUTER FOR ANALYSING THE PROCESS OF FREE FLOW OF METALL INTO DIE GROOVE. BISI 17418	#	000000155463
KOSTAREV, I. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0003, PP 0101-0103 USE OF A DIGITAL COMPUTER FOR ANALYSING THE PROCESS OF FREE FLOW OF METAL INTO DIE GROOVES *BISI 17418	#	000000225089
GUN, G. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0003, PP 0104-0106 MODELLING THE FLOW OF METAL IN AXISYMMETRICAL EXTRUSION. BISI 17419	#	000000155453
GUN, G. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0003, PP 0104-0106 MODELLING THE FLOW OF METAL IN AXISYMMETRICAL EXTRUSION *BISI 17419	#	000000225090
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FILIPPOV, E. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0003, PP 0123-0130 RESEARCH INTO VOLUME QUANTIZATION *BISI 17422	#	000000162534
KHOROSHAILOV, V. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0003, PP 0140-0143 KINETICS OF SATURATION OF STEEL WITH CARBON AND NITROGEN DURING LOW-TEMPERATURE CARBONITRIDING *BISI 17424	#	000000225079
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LEVI, L. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0003, PP 0148-0153 THE CONNECTION BETWEEN SOME OF THE PROPERTIES OF BINARY NICKEL ALLOYS IN THE SOLID AND LIQUID STATES BISI 17425	#	000000193256
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KIRIL'TSEV, V. T. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0003, PP 0153-0157 MEASURING THE VELOCITY HEAD IN TURBULENT JETS *BISI 17426	#	000000225081
MINAEV, A. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0003, PP 0161-0163 INVESTIGATION OF THE HEAT EXCHANGE PROCESS IN FREE-FIRED BATCH-TYPE REHEATING FURNACES *BISI 17427	#	000000225082

BROVKIN, L. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0003, PP 0164-0168 CALCULATION OF THE TEMPERATURE FIELDS IN CARBON STEELS *BISI 17428	#	000000156603
BROVKIN, L. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0003, PP 0164-0168 CALCULATION OF THE TEMPERATURE FIELDS IN CARBON STEELS *BISI 17428	#	000000225083
ZAKHAROV, G. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0003, PP 0169-0173 OPTIMAL METAL HEATING CONTROL IN CONTINUOUS FURNACES IN RHYTHM WITH THE REHEATING PROCESS REPORT 2 *BISI 17429	#	000000162581
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D'YACKO, A. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0003, PP 0183-0185 MODELLING THE PRODUCTION PROGRAMME OF A METALLURGICAL WORKS *BISI 17431	#	000000162583
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PLYSHEVSKIY, A. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0004, PP 0011-0013 KINETICS OF THE REDUCTION OF CHROMIUM OXIDES FROM MOLTEN SLAG BY SOLID CARBON	#	000000212794

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IONOV, A. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0004, PP 0036-0039 ASSIMILATION OF OXYGEN FORM THE FURNACE AND THE INJECTED GAS BY THE OPEN HEARTH BATH BISI 17563	#	000000156586
TERSKOV, YU. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0004, PP 0049-0051 INVESTIGATION OF THE SOLUTION KINETICS OF FERROCHROMIUM IN IRON CAST IRON AND STEEL BISI 17564	#	000000155189
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NIKIFOROV, B. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0004, PP 0063-0066 GEOMETRICAL PARAMETERS OF TAPE, OBTAINED BY ULTRASONIC FORGING. BISI 17567	#	000000155454
REZNIKOV, YU. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0004, PP 0072-0076 FLOW OF METAL WHEN FILLING A DIE CAVITY BISI 17568	#	000000155146
SFA'YAN, M. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0004, PP 0077-0080 ANALYTICAL INVESTIGATION OF TORQUE DISTRIBUTION BETWEEN ROLLS IN AN ASYMMETRICAL ROLLING PROCESS BISI 17569	#	000000155129

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PARAMANOV, YA. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0004, PP 0119-0123 DETERMINING THE OPTIMUM PARAMETERS OF THE THERMAL CONDITIONS IN REHEATING FURNACES WITH THE METAL HEATED IN A CHAMBER BISI 17576	000000156614
ZOLOTAREV, A. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0004, PP 0127-0131 APPROXIMATE CALCULATION OF TEMPERATURES AND STRESSES WHEN UNIDEMENSIONAL OBJECTS ARE HEATED WITH A VARYING FLOW OF HEAT BISI 17577	000000156637
MELIKHOVA, Z. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0004, PP 0136-0140 A METHOD OF CONTROLLING HEATS IN OPEN-HEARTH FURNACES OPERATIVELY BISI 17578	000000155228

KARNYSHOV, YU. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, NO004, PP 0141-0144  
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000000155226

RYABKOV, A. P.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, NO004, PP 0162-0165  
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000000155181

FEDOROV, M. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, NO004, PP 0166-0168  
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000000158491

FEDOV, M. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, NO004, PP 0166-0168  
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BISI 17585 #

000000172708

OSITRIK, P. N.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, NO005, PP 0012-0016  
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BISI 17690 #

000000156579

YUSFIN, YU. S.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, NO005, PP 0026-0029  
INVESTIGATION OF SINTERING PROCESS KINETICS IN  
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BISI 17692 #

000000156594

KABAEV, D. T.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, NO005, PP 0035-0037  
BEHAVIOR OF PHOSPHORUS DURING THE PROCESSING  
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BISI 17693 #

000000156587

URAZGIL'DEEV, A. KH.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, NO005, PP 0041-0043  
THEORY OF THE DEVELOPMENT OF OXIDIZING PROCESSES  
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000000156577

ZHELKOV, D. D.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, NO005, PP 0052-0055  
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KUCHERYAEV, B. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0005, PP 0056-0059 THEORETICAL AND EXPERIMENTAL INVESTIGATION OF THE KINEMATIC PARAMETERS OF THE PROCESS OF ROLLING WITH SPREAD BISI 17696	#	000000156606
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GUN, G. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0005, PP 0063-0066 CONSTRUCTION OF THE KINEMATICALLY POSSIBLE RATE FIELDS IN SOLVING PROBLEMS OF EXTRUSION THEORY COMMUNICATION 2. BISI 17698	#	000000227810
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EL'KE, I. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0005, PP 0085-0088 STOCHASTIC MODEL OF THE SYSTEM CONTINUOUS FURNACES-ROLLING MILL BISI 17700	#	000000155201
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MENYSHIKOV, YU. L. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0005, PP 0098-0100 FEATURES OF AN INVESTIGATION OF THE DYNAMICS OF THE MAIN LINE OF ROLLING MILLS BISI 17703	#	000000173538
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//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0005, PP 0098-0100  
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BISI 17703 #

000000173541

TYURIN, V. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0005, PP 0104-0107  
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000000227808

TYURIN, V. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0005, PP 0104-0107  
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BISI 17704 #

000000155447

TIMOFEEVA, L. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0005, PP 0113-0116  
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BISI 17706 #

000000156602

ZHIKHAREV, A. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0005, PP 0117-0119  
INVESTIGATION OF GRAIN BOUNDARY RELAXATION IN  
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BISI 17707 #

000000193262

VARENKOV, A. N.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0005, PP 0128-0131  
COMPATIBILITY OF CARBON FIBRE MATERIALS WITH  
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BISI 17708 #

000000227817

PRIKHOD'KO, V. N.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
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000000233164

PRIKHOD'KO, V. N.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0005, PP 0137-0142  
PROCEDURES FOR EVALUATING INTER-GRANULAR DAMAGE  
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BISI 17710 #

000000155465

ADAMOV, I. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0005, PP 0143-0146  
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CHEMICAL HETERO-GENEITY DURING SOLIDIFICATION  
BISI 17711 #

000000155197

BEZRODNYI, M. K.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
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KLEBANOV, YU. D. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0005, PP 0162-0167 TEMPERATURE FIELD IN A MOVING STRIP HEATED BY A SURFACE SOURCE BISI 17713	#	000000173532
KLEBANOV, YU. D. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0005, PP 0162-0167 TEMPERATURE FIELD IN A MOVING STRIP HEATED BY A SURFACE SOURCE BISI 17713	#	000000227819
SHCHAPOV, G. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0005, PP 0168-0171 A METHOD OF CALCULATING THE TEMPERATURE OF METAL DURING HEATING FROM BOTH SIDES IN CONTINUOUS FURNACES BISI 17714	#	000000155220
SOLOMAKHIN, I. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0005, PP 0182-0185 IMPROVING THE EFFECTIVENESS OF THE SYSTEM OF INDUS CURRENT PLANNING OF PIG-IRON PRODUCTION BISI 17716	#	000000155217
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TARASOV, V. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0006, PP 0012-0016 INVESTIGATION OF AERODYNAMICS AROUND THE PERIPHERY OF A THROAT MODEL IN RELATION TO CHARGE SIZE GRADING BISI 17829	#	000000160962
TARASOV, V. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0006, PP 0012-0016 INVESTIGATION OF AERODYNAMICS AROUND THE PERIPHERY OF A THROAT MODEL IN RELATION TO CHARGE SIZE GRADING BISI 17829	#	000000300761
ABZALOV, V. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0006, PP 0019-0022 INVESTIGATION OF THE PHYSICAL PROPERTIES OF PELLETS FORM CONCENTRATES OF DIFFERENT ORE DEPOSITS BISI 17830	#	000000160911

KONOVALOV, R. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0006, PP 0040-0044 AN INVESTIGATION OF THE VISCOSITY OF SLAGS FORMED WHEN THE STEEL RIMS IN THE INGOT MOULD BISI 17832	000000160913
KLYUIKOV, S. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0006, PP 0049-0056 INVESTIGATION OF THE DISTRIBUTION OF FORCES AND DEFORMATION OVER THE WIDTH OF ROLLED PRODUCT BISI 17833	000000160946
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LEVANOV, YA. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0006, PP 0074-0079 STAMPING FORCES AND CONDITIONS OF FILLING A CLOSED DIE WITH MOVEBALE CASE BISI 17837	000000300791
MINTS, R. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0006, PP 0080-0083 MORPHOLOGY OF THE EUTECTICS AND ACCESSORY INCLUSIONS IN A LUNAR METALLIC FRAGMENT BISI 17838	000000184159
MINTS, R. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0006, PP 0080-0083 MORPHOLOGY OF THE EUTHRCTICS AND ACCESSORY INCLUSIONS IN A LUNAR METALLIC FRAGMENT BISI 17838	000000277196
NACHAYEV, YU. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0006, PP 0084-0089 ANOMALY OF THE DIFFUSION AND DECOMPOSITION PROCESS CHARACTERISTICS OF A SUPERSATURATED SOLID SOLUTION OF IRON IN ALUMINUM BISI 17839	000000160959

ZEYEMSKIY, S. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0006, PP 0099-0102 DIFFUSION OF CARBON IN IRON-TITANIUM ALLOYS BISI 17840	000000184152
ZEYEMSKIY, S. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0006, PP 0099-0102 DIFFUSION OF CARBON IN IRON-TITANIUM ALLOYS BISI 17840	000000277192
BYAKOVA, A. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0006, PP 0114-0116 COMPOSITION OF TITANIUM CARBIDE COATING ON THE SURFACE OF CARBON STEELS BISI 17842	000000277163
NOVIK, YA. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0006, PP 0121-0123 COMPARATIVE RESEARCH INTO STEELS FOR MOULDS FOR THE DIE CASTING OF COPPER ALLOYS BISI 17843	000000300777
STANOVSKIY, A. L. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0006, PP 0124-0127 NON DESTRUCTIVE INSPECTION OF SHEEL MOULDS FOR DESITY BISI 17844	000000160977
STANOVSKIY, YA. L. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0006, PP 0124-0127 NON-DESTRUCTIVE INSPECTION OF STEEL MOULDS FOR DENSITY BISI 17844	000000300776
VASHUKOV, I. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0006, PP 0128-0133 MECHANISM OF SOLUTION OF CARBON IN MOLTEN IRON AND IRON ALLOYS BISI 17845	000000160979
VASHUKOV, I. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0006, PP 0128-0133 MECHANISM OF SOLUTION OF CARBON IN MOLTEN IRON AND IRON ALLOYS BISI 17845	000000300792
SMOLYAKOVA, T. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0006, PP 0134-0137 FORMATION OF CARBIDES OF MAGNESTITIUM AND CERIUM IN HIGH STRENGTH IRONS BISI 17846	000000160968
SMOLYAKOVA, T. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0006, PP 0134-0137	000000300767

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GIMMEL'FARB, A. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0006, PP 0138-0141 DETERMINATION OF THE POWER OF EA GENERATORS FOR SHAFT FURNACES OPERATING WITHOUT A COKE BED BISI 17847	#	000000300772
GIMMEL'FARB, YA. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0006, PP 0138-0141 DETERMINATION OF THE POWER OF EA GENERATORS FOR SHAFT FURNACES OPERATING WITHOUT A COKE BED BISI 17847	#	000000300772
AVDEEV, V. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0006, PP 0142-0145 SPECIAL FEATURES OF THE IDENTIFICATION OF PROCESSES WITH THE USE OF PHYSICALLY LABELLED TEST ACTIONS BISI BISI 17848	#	000000160980
AVDEEV, V. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0006, PP 0142-0145 SPECIAL FEATURES OF THE IDENTIFICATION OF PROCESSES WITH THE USE OF PHYSICALLY LABELLED TEST ACTIONS BISI 17848	#	000000300779
KOCHETKOV, YE. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0006, PP 0151-0152 IMPROVED CONTROL SYSTEM FOR OPEN HEARTH FURNACE FLAME REVERSAL BISI 17849	#	000000160963
KOCHETKOV, YE. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0006, PP 0151-0152 IMPROVED CONTROL SYSTEM FOR OPEN HEARTH FURNACE FLAME REVERSAL BISI 17849	#	000000300762
DANIL'YANTS, L. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0006, PP 0153-0159 INVESTIGATION OF THE EFFECTIVENESS OF SMOOTHING ALGORITHMS FOR EXPERIMENTAL DATA BISI 17850	#	000000160987
DANIL'YANTS, L. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0006, PP 0153-0159 INVESTIGATION OF THE EFFECTIVENESS OF SMOOTHING ALGORITHMS FOR EXPERIMENTAL DATA BISI 17850	#	000000300786
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RASCHUBKIN, V. G.	//IZVESTIYA VUZ CHERNAYA METALLURGIYA//	000000300797
00/00/1978, V---, N0006, PP 0160-0163		
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KALININ, A. P.	//IZVESTIYA VUZ CHERNAYA METALLURGIYA//	000000160989
00/00/1978, V---, N0006, PP 0164-0167		
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BISI 17852		
KALININ, YA. P.	//IZVESTIYA VUZ CHERNAYA METALLURGIYA//	000000300788
00/00/1978, V---, N0006, PP 0164-0167		
ADAPTATION OF CONNECTIONS OF THE CDEC WITH A		
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BISI 17852		
FEDROV, M. I.	//IZVESTIYA VUZ CHERNAYA METALLURGIYA//	000000184158
00/00/1978, V---, N0006, PP 0168-0170		
INVESTIGATION OF THE STRAIGHTENING CONDITIONS		
GIVING RISE TO A REDUCTION IN THE RESIDUAL		
STRESS LEVEL IN THREE- DIMENSIONALLY HARDENED		
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KONOVALOV, L. A.	//IZVESTIYA VUZ CHERNAYA METALLURGIYA//	000000160984
00/00/1978, V---, N0006, PP 0173-0177		
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BISI 17854		
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00/00/1978, V---, N0006, PP 0173-0177		
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GRANKOVSKII, B. I.	//IZVESTIYA VUZ CHERNAYA METALLURGIYA//	000000160988
00/00/1978, V---, N0006, PP 0180-0183		
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BISI 17855		
GRANKOVSKIY, V. I.	//IZVESTIYA VUZ CHERNAYA METALLURGIYA//	000000300787
00/00/1978, V---, N0006, PP 0180-0183		
ASSESSMENT OF THE ECONOMIC BENEFIT OF A		
CONTINUOUS-STEEL-MAKING PROCESS		
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VESELOV, N. G.	//IZVESTIYA VUZ CHERNAYA METALLURGIYA//	000000160997
00/00/1978, V---, N0006, PP 0184-0186		
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VESELOV, N. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0006, PP 0184-0186 USE OF QUANTITATIVE ASSESSMENT FOR MEASURING THE PARAMETERS OF MANAGEMENT ORGANIZATION STRUCTURES BISI 17856	#	000000300796
MANUKHIM, A. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0007, PP 0005-0008 INVESTIGATION OF THE ELECTRIC CONDUCTIVITIES OF FLUIDIZED REFRactory METAL OXIDE BEDS BISI 17894	#	000000176776
BODAKIN, N. E. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0007, PP 0009-0013 VISCOSITY OF FE-CO SYSTEM MELTS BISI 17895	#	000000176763
BAKAKIN, A. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0007, PP 0014-0017 PROBLEM OF CONTROLLING THE CARBON REMOVAL PROCESS BISI 17896	#	000000178435
YUSFIN, YU. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0007, PP 0018-0020 SINTERING PROCESS IN THE SYSTEMS FE203-NiO BISI 17897	#	000000228668
BRATCHIKOV, S. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0007, PP 0025-0028 THERMOPHYSICAL PROPERTIES OF IRON-ORE PELLETS. COMMUNICATION 2 BISI 17898	#	000000178430
ZAVGORODNII, P. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0007, PP 0049-0052 CALCULATING THE DISTRIBUTION OF AN IMPURITY IN SOLIDIFYING MOLTEN METAL WITH NATURAL HEAT CONVECTION BISI 17901	#	000000228649
OGURTSOV, A. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0007, PP 0053-0056 ANALYTICAL DETERMINATION OF THE OPTIMUM DIMENSIONS OF AN INGOT FEEDER HEAD BISI 17893	#	000000163225
VORONTSOV, V. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0007, PP 0065-0072 TREATMENT OF DATA IN EXPERIMENTAL AND CALCULATION METHODS BISI 17902	#	000000163210

POTAPKIN, V. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0007, PP 0076-0079 METAL PLASTICITY RESOURCE IN THE HOT ROLLING OF STRIP BISI 17904	#	000000228653
BELEVICH, A. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0007, PP 0084-0087 DEFORMATION OF THE METAL IN CLOSED BEAM PASSES BISI 17905	#	000000228673
BLINOV, YU. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0007, PP 0088-0091 CONDITIONS GOVERNING THE ROTATION OF A SIMPLE SECTION IN A PASS BISI 17906	#	000000228657
ZHODAN, V. T. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0007, PP 0092-0095 EFFECT OF THE SHAPE OF THE INITIAL BILLET ON THE FILL OF A PERIODIC SECTION CONFIGURATION BISI 17907	#	000000178413
GUN, G. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0007, PP 0098-0101 MODELLING THE METAL FLOW DURING AXIALLY SYMMETRIC EXTRUSION BISI 17908	#	000000228674
KUCHERYAYEV, B. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0007, PP 0106-0108 ALLOWING FOR THE EFFECT OF LAYER INTERACTION ON THE KINEMATICS IN A DEFORMED MULTILAYER BODY BISI 17909	#	000000228654
POLUKHIN, V. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0007, PP 0109-0113 CALCULATION OF STRESSES IN A COMPOSITE ROLL WHEN FITTING A BANDAGE WITH A CLEARANCE BISI 17910	#	000000178420
FILIPPOV, YE. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0007, PP 0114-0121 DIFFUSION AND VISCOSITY OF LIQUID METALS ON THE BASIS OF VOLUME QUANTIZATION BISI 17892	#	000000163203
NECHAYEV, YU. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0007, PP 0122-0126 STUDY OF THE DECOMPOSITION PROCESS OF A SUPERSATURATED SOLID SOLUTION OF IRON IN ALUMINIUM IN AD-1 ALLOY QUENCHED FROM 873 K IN AIR BISI 17911	#	000000190438
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//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0007, PP 0131-0136  
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RESISTANT IRON, NICKEL, CHROMIUM, SILICON,  
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BISI 17912

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000000190437

IL'IN, A. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0007, PP 0140-0143  
X-RAY INVESTIGATION OF STRESSES IN STEEL  
STRENGTHENED BY SURFACE FOLLING WITH ROLLERS  
BISI 17913

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000000190436

MALYUTINA, E. S.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0007, PP 0148-0152  
EFFECTS OF THE INITIAL COMPOSITION OF AN FE-14.  
MO ALLOY ON ITS AGEING DURING ELECTRON IRRADIATION  
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000000190436

ASTSATUROV, V. N.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0007, PP 0162-0165  
INVESTIGATION OF HEAT EXCHANGE DURING JET HEATING  
OF BILLETS  
BISI 17915

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000000228650

ZAITSEV, S. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0007, PP 0170-0174  
ANALYSIS AND SYNTHESES OF OPTIMUM STRUCTURE OF  
PROCESS LINES IN ROLLING PRACTICE. COMMUNICATION 1  
BISI 17916

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000000228680

DOKUKIN, V. YU.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0007, PP 0180-0184  
MATHEMATICAL MODEL OF A GROUP OF THE MAIN SHOPS OF  
A TYPICAL METALLURGICAL WORKS  
BISI 17917

#

000000228692

KOSILOV, N. S.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0008, PP 0005-0009  
DENSITY OF IRON-NICKEL MELTS  
BISI 17985

#

000000206491

BORNATSKIY, I. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0008, PP 0032-0035  
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STEELS WITH MEASUREMENTS OF VISCOSITY  
BISI 17831

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000000160915

SOLOMOICHENKO, N. N.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0008, PP 0061-0064  
ANALYTICAL DETERMINATION OF METAL PRESSURE ON THE  
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BISI 17990

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000000178419

VYDRIN, V. N.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//

000000178418

00/00/1978, V----, N0008, PP 0065-0068  
BEHAVIOUR OF STRIP ENDS IN ASYMMETRICAL PROCESS  
OF ROLLING IN HORIZONTAL PLANE. COMMUNICATION 1.  
BISI 17991

LITOVCHENKO, N. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0008, PP 0068-0072  
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RELATIONSHIPS OF ELEMENTS OF FINISHING AND  
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BISI 17992

000000178482

LITOVCHENKO, N. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0008, PP 0069-0072  
ANALYTICAL DESCRIPTION OF GEOMETRICAL  
RELATIONSHIPS OF ELEMENTS OF FINISHING AND  
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BISI 17992

000000183746

RUTGAIZER, O. Z.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0008, PP 0080-0083  
OPTIMUM CONTROL OF STRIP TENSION CONTINUOUS HOT  
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BISI 17994

000000178423

MOROZENKO, V. N.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0008, PP 0084-0087  
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BISI 17995

000000178434

VARYPAYEV, YE. S.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0008, PP 0091-0094  
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SHAPOVALOV, V. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0008, PP 0099-0101  
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000000206490

PLYSHEVSKIY, A. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0008, PP 0112-0115  
CORROSION PROPERTIES OF FUSED SODIUM BORON SILICATE  
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000000178476

PLYSHEVSKIY, A. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0008, PP 0112-0115  
CORROSION PROPERTIES OF FUSED  
SODIUM-BORON-SILICATE COATINGS FOR THE  
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000000183745

YATSENKO, A. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0008, PP 0119-0122 SPECIAL FEATURES OF THE STRUCTURE OF THE E-PHASE IN INOCULATED FE-A1-C ALLOYS AFTER SOLIDIFICATION AND HEATING BISI 18001	000000176775
ANIKIN, A. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0008, PP 0123-0125 EXPERIMENTAL RESEARCH INTO DISTRIBUTION OF INOCULANT IN IRON INOCULATED WITH METALLIC YTTRIUM BISI 18002	000000178490
ANIKIN, A. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0008, PP 0123-0125 EXPERIMENTAL RESEARCH INTO DISTRIBUTION OF INOCULANT IN IRON INOCULATED WITH METALLIC YTTRIUM BISI 18002	000000183728
GOVOROV, V. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0008, PP 0137-0138 THE INFLUENCE OF SMELTING DUST ON THE COMBUSTION VELOCITY OF MIXTURES OF CONVERTER GASES WITH AIR BISI 18004	000000206469
KARNYSHOV, YU. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0008, PP 0141-0143 MATHEMATICAL MODEL OF THE OPTIMIZATION OF STRIP MILL LOADING OVER A LIMITED TIME INTERVAL BISI 18005	000000178412
ROTANOVA, S. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0008, PP 0144-0147 CALCULATION OF THE OPTIMUM CHARGE FOR AN OPEN HEARTH HEAT OF STEEL BISI 18006	000000178499
ROTANOVA, S. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0008, PP 0144-0147 CALCULATION OF THE OPTIMUM CHARGE FOR AN OPEN-HEARTH HEAT OF STEEL BISI 18006	000000183750
MEDZHIBOZHSKIY, M. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0008, PP 0148-0152 MATCHING THE RATES OF METAL HEATING AND DECARBURIZATION IN THE FINISHING PERIOD ON 900 T OPEN-HEARTH FURNACE BISI 18007	000000178433
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KHAIKIN, B. YE //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0008, PP 0170-0173 CHOICE OF OPTIMAL RANGE FOR MASTERING A NEW ROLLING MILL BISI 18010	#	000000183743
EL'KE, I. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0008, PP 0178-0181 STRUCTURAL METHOD OF INVESTIGATING THE OPERATING DYNAMICS OF METALLURGICAL PRODUCTION SECTORS BISI 18011	#	000000178500
EL'KE, I. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0008, PP 0178-0181 STRUCTURAL METHOD OF INVESTIGATING THE OPERATING DYNAMICS OF METALLURGICAL PRODUCTION SECTORS BISI 18011	#	000000183751
POLYAKOVA, K. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0009, PP 0008-0011 VISCOSITY CHARACTERISTICS OF DILUTED METALLIC SOLUTIONS BISI 18058	#	000000193257
AKSENOVA, G. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0009, PP 0012-0017 INVESTIGATION OF THE OXIDATION PROCESS OF MAGNETIT IN KOSTOMUKSH, IRON ORE CONCENTRATE BISI 18059	#	000000206391
VEGMAN, E. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0009, PP 0026-0030 MOVEMENT OF SINTER LONG THE INCLINED PLANE OF A FIXED SCREEN BISI 18060	#	000000267956
POPOV, A. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0009, PP 0031-0034 CONTINUOUS MEASUREMENT OF OXYGEN ACTIVITY IN METAL USING THE ELECTROMOTIVE FORCE (EMF) METHOD BISI 18061	#	000000268062
GOL'DFARB, YE. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0009, PP 0041-0044 RESEARCH INTO EXPULSION OF MATERIALS CARRIED OUT USING THE DYNAMIC PARAMETERS OF HEATS IN OXYGEN	#	000000206393

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VORONTSOV, V. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0009, PP 0054-0055 METHOD OF DETERMINING STRESSES AND RUPTURE USING THE EULER-LAGRANGE CO-ORDINATES METHOD BISI 18063	#	000000206377
POLUKHIN, V. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0009, PP 0057-0060 REPORT 1 ELASTIC DEFORMATIONS GIVEN BY VARIOUS ROLL PYRAMID CONFIGURATIONS ON A 20-ROLL MILL. BISI 18064	#	000000267997
POLUKHIN, V. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0009, PP 0057-0060 ELASTIC DEFORMATIONS GIVEN BY VARIOUS ROLL PYRAMID CONFIGURATIONS ON A 20-ROLL MILL REPORT 1 BISI 18064	#	000000267986
ZHELEZNOV, YU. D. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0009, PP 0070-0073 MEASUREMENT OF THE ANISOTROPY COEFFICIENT BY THE NON-DESTRUCTIVE METHOD BISI 18066	#	000000206369
POTAKPIN, V. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0009, PP 0074-0076 COMMUNICATION 2 PLASTICITY RESOURCE OF METAL IN THE HOT ROLLING OF STRIP BISI 18067	#	000000267998
ANAN'EV, I. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0009, PP 0083-0087 COMMUNICATION 2 TEMPERATURE SCHEDULE OF ROLLING AND COOLING H BEAMS ON A UNIVERSAL BEAM MILL BISI 18068	#	000000267961
BONDAREV, M. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0009, PP 0088-0092 INVESTIGATION OF THE QUALITY OF TUBES OF REFRACTORY METALS BISI 18069	#	000000206382
POTAPOV, I. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0009, PP 0093-0097 ANALYSIS OF THE DEFORMATION PROCESS IN HELICAL ROLLING BISI 18070	#	000000206379
OKHRIMENKO, YA. M.		000000206366

//IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0009, PP 0098-0102 CONTROLLING THE PROPERTIES OF EXTRUDED ARTICLES BISI 18071	#	
VAISBURD, R. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0009, PP 0103-0106 INVESTIGATION OF THE BEHAVIOUR PATTERNS OF OPTIMUM FRICTION IN THE UPSETTING OF AN ANNULAR SEMIPRODUCT BISI 18072	#	000000267987
GLUSHKO, M. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0009, PP 0107-0110 ELONGATION OF A TENSIONED WIRE DURING ELASTIC PLASTIC BENDING BISI 18073	#	000000268064
BEREZHOI, V. L. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0009, PP 0111-0114 ASSESSMENT OF THE TECHNOLOGICAL POSSIBILITIES OF CONTINUOUS EXTRUSION BISI 18074	#	000000193260
NECHAEV, YU. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0009, PP 0120-0124 SEGREGATIONS OF IMPURITIES AND VACANCIES IN REGIONS CLOSE TO DISLOCATIONS BISI 18075	#	000000268059
CHEKIN, V. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0009, PP 0125-0127 MOSSBAUER EXAMINATION OF THE INFLUENCE OF CEMENTITE ON THE OXIDATION OF SPONGE IRON BISI 18076	#	000000206383
ZYKOVA, R. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0009, PP 0148-0150 INVESTIGATION OF CARBIDE PRECIPITATES IN KHVG STEEL AND OF THEIR INFLUENCE ON STRENGTH BISI 18077	#	000000267982
VOL'FMAN, I. B. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0009, PP 0157-0159 STATISTICAL MODELS OF THE HEATING OF METAL AND VERIFICATION OF THEIR ADEQUACY BISI 18078	#	000000268061
ZAITSEV, S. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0009, PP 0172-0175 ANALYSIS AND SYNTHESIS OF OPTIMUM STRUCTURES OF PROCESS LINES IN ROLLING PRACTICE. COMMUNICATION 2. BISI 18080	#	000000268057
PETRUSHEVSKIY, M. S.		000000225785

//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0010, PP 0016-0019  
CALCULATION OF THE ACTIVITIES OF THE COMPONENTS  
IN LIQUID FE-CO-SI ALLOYS  
BISI 18112 #

000000277171

ALEKSEYEV, N. P.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0010, PP 0040-0042  
ASSESSING THE INFLUENCE ON THE STRENGTH OF SINTER  
OF MICRO-STRUCTURAL STRESSES ARISING DURING ITS  
COOLING COMMUNICATION 2  
BISI 18113 #

000000277171

GLOVATSKIY, A. B.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0010, PP 0046-0049  
MODELLING HYDRODYNAMIC PROCESSES FOR PIG IRON  
DESULPHURISATION OUTSIDE THE BLAST FURNACE  
BISI 18114 #

000000178615

ABZALOV, V. M.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0010, PP 0050-0053  
COMMUNICATION 2.  
INVESTIGATION OF THERMOPHYSICAL PROPERTIES OF  
PELLETS FROM CONCENTRATES OF DIFFERENT ORE  
DEPOSITS  
BISI 18115 #

000000178612

DENISOV, YU. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0010, PP 0055-0059  
REFINING A METHOD OF DETERMINING THE TEMPERATURE  
FIELDS INSIDE ROLLING MILLS  
BISI 18259 #

000000179528

MANGASAROV, B. N.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0010, PP 0063-0066  
DEVELOPING A METHOD FOR OBTAINING INOCULANTS FOR  
IMPROVING INGOT QUALITY  
BISI 18116 #

000000178605

BELOV, I. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0010, PP 0067-0069  
MODELLING MASS EXCHANGE PROCESSES IN A BOTTOM  
BLOWN OXYGEN CONVERTER  
BISI 18117 #

000000178618

TITOV, A. K.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0010, PP 0084-0087  
OBTAINING CONDITIONED LOW SILICON FERROSILICON  
FROM A FERROALLOY OF ELECTROCORUNDUM PRODUCTION  
BISI 18119 #

000000178616

L'VOVSKIY, V. M.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0010, PP 0088-0091  
ELASTIC PLASTIC DEFORMATION AND STRESSES IN EMTAL  
MOULDS  
BISI 18120 #

000000225783

VYDRIN, V. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0010, PP 0092-0094 BEHAVIOR OF STRIP ENDS WITH ASYMMETRY OF THE PROCESS OF ROLLING IN A HORIZONTAL PLANE COMMUNICAITON 2 BISI 18121	000000225791
INATOVICH, YU. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0010, PP 0098-0103 DETERMINATION OF FORMING WHEN ROLLING IN THE PASS SYSTEM OVAL-EDGING OVAL BISI 18122	000000225790
PISARENKO, F. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0010, PP 0104-0106 NEW METHOD OF DETERMINING THE DISPLACEMENT RATE COMPONENT WHEN ROLLING COMPLEX SHAPED SECTIONS COMMUNICATION 1 BISI 18123	000000225789
SOKOLOVSKIY, V. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0010, PP 0107-0110 DETERMINATION OF THE LENGTH OF THE GRIPS OF A CONTINUOUS DRAWBENCH BISI 18124	000000225799
RAYMBEKOV, A. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0010, PP 0115-0118 OPTIMIZATION OF REDUCTION SCHEDULES ON A SEMI- CONTINUOUS SECTION MILL BISI 18125	000000225792
BOGACHEV, I. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0010, PP 0119-0123 PROPERTIES OF CAST CAVITATION-RESISTANT STEELS BASED ON MANGANESE ALLOYED 20KH14N3 BISI 18126	000000179342
POMEL'NIKOVA, S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0010, PP 0129-0131 PROPERTIES OF LIQUIDS USED FOR HEAT TREATMENT AND THERMAL PICKLING OF OXIDE COATED METALS BISI 18127	000000277187
BUGAEV, YA. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0010, PP 0133-0135 INFLUENCE OF CERIUM ON STRUCTURE FORMATION IN 15KH3M1FL STEEL BISI 18128	000000179337
SIDORENKO, R. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0010, PP 0144-0147 STUDY OF THE SPECIAL FEATURES OF 32NKO-ALLOY SOLIDIFICATION BISI 18129	000000178588